



No. 31

30 JULY 2005



UNITED STATES OF AMERICA

# NOTICE TO MARINERS



Published Weekly by the  
National Geospatial-Intelligence Agency

Prepared Jointly with the  
National Ocean Service and U.S. Coast Guard

## Contents

### Section I

Chart Corrections . . . . .	I-1.1
Chartlets / Depth Tabulations / Notes . . . . .	I-2.1
Charts Affected by Notice to Mariners . . . . .	I-3.1

### Section II

NGA/DLIS Catalog Corrections . . . . .	II-1.1
Navigation Publications Corrections . . . . .	II-2.1
USCG Light List Corrections / Radiobeacon Corrections . . . . .	II-3.1
NGA List of Lights / Radiobeacon / DGPS Corrections . . . . .	II-4.1
Publications Affected by Notice to Mariners . . . . .	II-5.1

### Section III

Broadcast Warnings / MARAD Advisories / Special Warnings . . . . .	III-1.1
Marine Information . . . . .	III-2.1

Visit the Maritime Safety Web site at <http://pollux.nss.nga.mil/>

## IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Web site, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Division	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Maritime Safety Information Web site	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Publications	301-227-3120	287-3120	301-227-3731

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use NAVPubs@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster\_nss@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

**Cover Photo:** The **USS CAPE ST. GEORGE (CG-71)**, the first ship in the United States Navy to bear this name, is the twenty-fifth ship in the *Ticonderoga* class of Aegis guided missile cruisers and the seventeenth built by Ingalls Shipbuilding of Pascagoula, Mississippi. **USS CAPE ST. GEORGE** commemorates the battle fought in the South Pacific off the island of New Ireland in the Bismarck Archipelago on 25 November 1943. Built to support Carrier Battle Groups, Amphibious Assault Groups, as well as interdiction and escort missions, the **CAPE ST. GEORGE'S** mission is two-fold. First, to prevent the employment of weapons against friendly forces by destroying enemy missiles, aircraft, submarines, and surface ships. Second, to conduct offensive actions against the enemy through the use of long range anti-ship missiles, land attack missiles, and naval gunfire support. **CAPE ST. GEORGE'S** diverse combat capability is directed by the Aegis Weapons System (AWS), a fully integrated electronic detection, engagement, and fire control system. The ship's weapons include Standard surface-to-air missiles, Harpoon anti-ship missiles, Tomahawk cruise missiles, anti-submarine rockets (ASROCs), torpedoes, two Phalanx Close-in Weapons Systems (CIWS) for self-defense against enemy aircraft and missiles, and two five-inch, rapid-fire deck guns. In addition, she carries two SH-60 Sea Hawk helicopters for anti-submarine warfare. In a historic development, the **CAPE ST. GEORGE** is the first surface warship certified to use ECDIS-N (Electronic Charting Display and Information System-Navy) with the National Geospatial-Intelligence Agency's (NGA) Digital Nautical Chart (DNC) as the primary navigational system. This technology allows navigators to use digital chart data with interactive computers and real-time positioning systems to safely navigate the ship and to control the ship's steering based on inputs from the navigation sensors and an approved voyage plan. Commissioned 12 June 1993, the **CAPE ST. GEORGE** has a displacement of 9600 tons fully loaded, is 567 feet long, has a beam of 55 feet and a draft of 34 feet. She carries a crew of 340 Sailors, 27 Chief Petty Officers, and 33 Officers. The homeport of the **USS CAPE ST. GEORGE** is Norfolk, Virginia.

INFORMATION  
OF  
SPECIAL INTEREST  
OR  
IMPORTANCE  
TO  
MARINERS

**NM 31/05**

# HYDROGRAM

**National Geospatial-Intelligence Agency  
Bethesda, MD 20816-5003**

SPECIAL  
ANNOUNCEMENTS

NEW PRODUCTS  
OR SERVICES

IMPORTANT  
CHANGES

**30 July 2005**

## **NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY**

NOAA RECOGNIZES TWO NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

## **NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY MARITIME SAFETY INFORMATION WEB SITE REDESIGN**

THE MARITIME SAFETY INFORMATION WEB SITE IS CURRENTLY BEING REDESIGNED. THE PURPOSE OF THIS REDESIGN IS TO PROVIDE EASIER, MORE EFFICIENT SITE NAVIGATION AND SITE MAINTENANCE. FOR ADDITIONAL INFORMATION, SEE SECTION III.

## **NEW EDITION OF COAST PILOT**

U.S. COAST PILOT 8, ALASKA: DIXON ENTRANCE TO CAPE SPENCER, TWENTY-SEVENTH EDITION, 2005, IS READY FOR ISSUE. SEE SECTIONS II AND III.

## **NEW EDITION OF SAILING DIRECTIONS**

PUB. 154, SAILING DIRECTIONS (ENROUTE) BRITISH COLUMBIA, NINTH EDITION, 2005, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

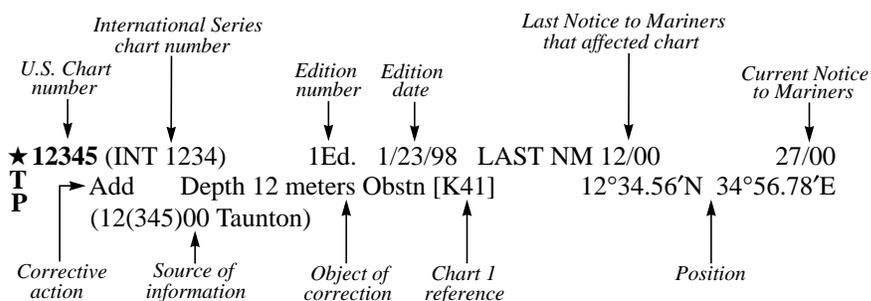
## **NGA DIGITAL NAUTICAL PUBLICATION-QUARTERLY UPDATE**

THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) ANNOUNCES THE NEW DIGITAL NAUTICAL PUBLICATION-QUARTERLY UPDATE SECOND QUARTER 2005. THE DIGITAL NAUTICAL PUBLICATION-QUARTERLY UPDATE IS A LIMITED DISTRIBUTION PRODUCT AND IS NOW AVAILABLE ON CD-ROM. SEE SECTIONS II AND III.

## EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA/DLIS Catalog of Maps Charts and Related Products, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

**Section I-1** contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.

T indicates that it is temporary in nature.

P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.

The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.

Courses and bearings are given in degrees true.

Light sectors are expressed in degrees true from the vessel TOWARD the light.

The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.

The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.

**Section I-2\*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.

**Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

**Section II-1** is a weekly listing of corrections to the NGA/DLIS Catalog of Maps Charts and Related Products, including new charts and publications. It also contains the latest price category information.

**Section II-2\*** contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

**Section II-3\*** lists weekly updates to the USCG Light Lists.

**Section II-4\*** lists weekly updates to the NGA List of Lights.

**Section II-5** lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

**Section III-1** lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

**Section III-2** contains miscellaneous information of particular interest to the maritime community.

\*The left-hand pages of these sections are intentionally blank.



<b>11374</b>	(Continued)				
Change	Legend to "26½ FT 2002-2005"	30°20'58.0"N 88°33'53.5"W			
	Legend to "37 FT 2005"	30°21'23.0"N 88°34'07.5"W			
	Legend to "37½ FT 2005"	30°21'40.5"N 88°34'11.2"W			
(NOS)					
<b>★11375</b>	36Ed. 1/05	LAST NM 14/05		31/05	
Substitute	Depth 11 feet for 13 feet	30°20'36.5"N 88°33'57.2"W			
Change	Legend to "ANNUAL INCREASE 6"	30°10'56.0"N 88°29'06.9"W			
	Legend to "ANNUAL INCREASE 6"	30°11'39.9"N 88°36'16.6"W			
	Legend to "ANNUAL INCREASE 6"	30°15'10.1"N 88°33'18.4"W			
	Legend to "ANNUAL INCREASE 6"	30°17'49.2"N 88°29'08.4"W			
	Legend to "ANNUAL INCREASE 6"	30°18'56.8"N 88°34'41.3"W			
	Legend to "26½ FT 2002-2005"	30°20'57.3"N 88°33'53.4"W			
	Legend to "37 FT 2005"	30°21'23.0"N 88°33'58.6"W			
	Legend to "37½ FT 2005"	30°21'43.2"N 88°33'58.0"W			
(NOS)					
<b>11390</b>	23Ed. 2/04	LAST NM 28/05		31/05	
Add	Depth 37 feet	30°11'14.1"N 85°44'29.5"W			
	(Side B)				
Add	Depth 37 feet	30°11'14.1"N 85°44'29.5"W			
(NOS)					
<b>11391</b>	23Ed. 10/03	LAST NM 28/05		31/05	
Substitute	Depth 37 feet for 41 feet	30°11'14.1"N 85°44'29.5"W			
(NOS)					
<b>★11392</b>	6Ed. 2/12/00	LAST NM 14/05		31/05	
Add	Depth 37 feet	30°11'14.1"N 85°44'30.6"W			
	Depth 37 feet	30°11'14.1"N 85°44'29.5"W			
	Depth 36 feet	30°11'14.1"N 85°44'28.3"W			
	Depth 42 feet	30°11'15.0"N 85°44'29.5"W			
(NOS)					
<b>★11404</b>	22Ed. 11/03	LAST NM 40/04		31/05	
Add	Tabulation of controlling depths from Subsection I-2				
(NOS)					
<b>★11537</b>	36Ed. 5/05	NEW EDITION		31/05	
(NOS)					
<b>★12204</b>	36Ed. 11/04	LAST NM 23/05		31/05	
Delete	Buoy "44DUK"	36°11'16"N 75°44'08"W			
(18/05 CG5)					
<b>12205</b>	29Ed. 10/04	LAST NM 27/05		31/05	
	(Page B)				
Delete	Buoy "44DUK"	36°11'16"N 75°44'08"W			
(18/05 CG5)					
<b>12263</b>	53Ed. 11/03	LAST NM 2/05		31/05	
Delete	Light	38°39'24"N 76°31'36"W			
(18/05 CG5)					
<b>★12266</b>	28Ed. 10/03	LAST NM 41/04		31/05	
Delete	Light	38°39'24"N 76°31'36"W			
(18/05 CG5)					
<b>12280</b>	5Ed. 10/04	LAST NM 27/05		31/05	
Delete	Light	38°39.4"N 76°31.6"W			
(18/05 CG5)					
<b>12326</b>	49Ed. 6/03	LAST NM 49/03		31/05	
Relocate	Buoy "ER" from 40°34'41"N 73°46'16"W to 40°34'17"N 73°45'49"W				
(17/05 CG1)					
<b>★13246</b>	37Ed. 6/03	LAST NM 35/04		31/05	
Add	Danger circle "Meas equip"	41°47'03"N 70°28'07"W			
(NTM0024/2005)					
<b>18421</b>	46Ed. 10/03	LAST NM 29/05		31/05	
Add	Position circle "Subm pile" [F22]	48°32'06"N 122°34'33"W			
(NOS)					
<b>18423</b>	34Ed. 12/03	LAST NM 29/05		31/05	
	(Page A)				
Add	Position circle "Subm pile" [F22]	48°32'06"N 122°34'33"W			
(NOS)					
<b>★18427</b>	22Ed. 2/04	LAST NM 24/05		31/05	
Add	Position circle "Subm Pile" [F22]	48°32'06.1"N 122°34'33.0"W			
(NOS)					
<b>★18456</b>	20Ed. 3/05	LAST NM 24/05		31/05	
Add	Tabulation of controlling depths from Subsection I-2				
(NOS)					
<b>★18521</b>	71Ed. 11/04	LAST NM 29/05		31/05	
Change	Light to "26" Fl R 6s 35ft 5M	46°12'27"N 123°57'03"W			
(26/05 CG13)					
<b>18525</b>	34Ed. 5/04	LAST NM 28/05		31/05	
Delete	Dolphins (3) in vicinity	45°38'07"N 122°44'25"W			
	Log boom in vicinity	45°38'09"N 122°44'29"W			
	Dolphins (2) in vicinity	45°38'12"N 122°44'33"W			
	Log boom in vicinity	45°38'19"N 122°44'40"W			
	Log boom in vicinity	45°38'21"N 122°44'45"W			
	Dolphin	45°38'25"N 122°44'48"W			
	Log boom in vicinity	45°38'27"N 122°44'54"W			
	Dolphins (3) in vicinity	45°38'30"N 122°44'59"W			
	Log boom in vicinity	45°38'35"N 122°45'04"W			
Add	Depth 19 feet	45°37'30.8"N 122°41'25.8"W			
	Depth 17 feet	45°37'28.7"N 122°41'28.1"W			
(NOS)					
<b>★18526</b>	57Ed. 1/05	LAST NM 28/05		31/05	
Delete	Depth 36 feet	45°37'28.0"N 122°41'25.9"W			
	Dolphins (4) in vicinity and legend "Dols"	45°38'05.0"N 122°44'26.2"W			
	Log boom in vicinity	45°38'07.8"N 122°44'29.9"W			
	Dolphins (3) in vicinity and legend "Dols"	45°38'11.3"N 122°44'32.9"W			
	Log boom in vicinity	45°38'14.1"N 122°44'35.8"W			
	Dolphins (3) in vicinity and legend "Dols"	45°38'17.8"N 122°44'40.8"W			
	Log boom in vicinity	45°38'20.2"N 122°44'43.7"W			
	Dolphins (3) in vicinity and legend "Dols"	45°38'23.7"N 122°44'48.7"W			
	Log boom in vicinity	45°38'26.5"N 122°44'53.8"W			
	Dolphins (3) in vicinity and legend "Dols"	45°38'29.6"N 122°44'57.1"W			
	Log boom in vicinity	45°38'33.6"N 122°45'03.8"W			
	Log boom in vicinity	45°38'34.2"N 122°45'03.2"W			
Change	Magnetic variation (17°30'E) to 17°15'E and legend to "ANNUAL DECREASE 10"	45°34'15.3"N 122°47'12.5"W			
	Magnetic variation (17°30'E) to 17°15'E and legend to "ANNUAL DECREASE 10"	45°30'43.2"N 122°42'03.4"W			
	Magnetic variation (17°30'E) to 17°15'E and legend to "ANNUAL DECREASE 10"	45°38'56.6"N 122°42'09.9"W			
Add	Depth 17 feet	45°37'28.7"N 122°41'28.1"W			
	Depth 19 feet	45°37'30.8"N 122°41'25.8"W			

(continued on next page)

## SECTION I

NM 31/05

<b>18526</b>	(Continued)				
	<b>(Inset)</b>				
Change	Magnetic variation (17°30'E) to 17°15'E and legend to "ANNUAL DECREASE 10"	45°37'37.8"N 122°48'13.9"W			
	(NOS)				
<b>★18587</b>	69Ed. 5/04 LAST NM 30/05				31/05
Change	Legend to "31 FT DEC 2004 - FEB 2005"	43°24'03"N 124°16'39"W			
	Legend to "13 FT MAR 2005"	43°20'42"N 124°19'12"W			
	Legend to "14 FT MAR 2005" (See 51/04, 24/05-18587)	43°21'05"N 124°19'08"W			
Add	Depth 9 feet	43°21'10.9"N 124°19'07.7"W			
	Depth 18 feet	43°21'17.5"N 124°19'12.2"W			
	(NOS)				
<b>★18602</b>	12Ed. 4/03 LAST NM 12/05				31/05
	<b>(Inset Chetco Cove)</b>				
Change	Legend to "8 FT FOR MID-WIDTH OF 100 FT MAR 2005" (Supersedes 12/05-18602)	42°02'40.0"N 124°16'15.8"W			
	(NOS)				
<b>★18685</b>	32Ed. 6/03 LAST NM 3/05				31/05
Delete	Buoy "2"	36°48'13"N 121°47'28"W			
	<b>(Inset Moss...Harbor)</b>				
Delete	Buoy "2"	36°48'14.8"N 121°47'27.8"W			
	Note: Position circles close NE and legend "Subm...3¼ fms)" close SW remain (26/05 CG11)				
<b>18740</b>	41Ed. 4/05 LAST NM 27/05				31/05
Add	Buoy "172" Y, Fl(5) Y 20s (Priv)	33°37.4'N 118°00.7'W			
	(26/05 CG11)				
<b>★18746</b>	36Ed. 3/05 LAST NM 21/05				31/05
Add	Buoy "172" Y, Fl(5) Y 20s (Priv)	33°37'23"N 118°00'43"W			
	(26/05 CG11)				
<b>18760</b>	6Ed. 9/5/98 LAST NM N26/05				N31/05
Add	Buoy "172" Y, spherical, Fl(5) Y 20s (Priv)	33°37.4'N 118°00.7'W			
	(26/05 CG11)				
<b>22032</b>	20Ed. 9/27/97 LAST NM 40/03				31/05
Add	Legend "PASO IBARRA"	54°51.5'S 70°02.5'W			
	(9(125)04 Valparaiso)				
<b>22343</b>	1Ed. 8/3/61 LAST NM N7/05				N31/05
Add	Legend "Cta. Palqui"	42°24.4'S 73°31.4'W			
	Legend "Pta. Pudechel"	42°19.3'S 73°24.7'W			
	(9(123)04 Valparaiso)				
<b>22352</b>	6Ed. 2/1/97 LAST NM 49/04				31/05
Change	Legend "Punta Achao" to "Ra Achao"	42°27.7'S 73°28.0'W			
Add	Legend "Pta. Pudechel"	42°19.3'S 73°24.7'W			
	Legend "Cta. Palqui"	42°24.4'S 73°31.4'W			
	(9(123)04 Valparaiso)				
<b>22418</b>	2Ed. 10/25/97 LAST NM 12/05				31/05
Add	Legend "PASO IBARRA"	54°51.5'S 70°02.5'W			
	(9(125)04 Valparaiso)				
<b>22429</b>	Ed. 1/1/73 LAST NM N12/05				N31/05
Change	Chilean chart number "1206" to "12700" in margins (3) of chart				
Add	Legend "PASO IBARRA"	54°51.5'S 70°02.5'W			
	(9(125)04 Valparaiso; Chile Chart Catalog)				
<b>26245</b>	16Ed. 2/10/96 LAST NM 15/03				31/05
	<b>(Panel B)</b>				
Delete	Anchorage symbol	20°38'44"N 74°51'17"W			
	Substitute Dangerous wreck [K28] for stranded wreck	20°40'25"N 74°54'12"W			
	Add Anchorage symbol [N10]	20°40'26"N 74°53'55"W			
	(6(45)04 Habana)				
<b>26250</b>	18Ed. 4/1/95 LAST NM 40/04				31/05
	<b>(Plan B)</b>				
Delete	Light from buoy "7"	21°05'02.9"N 75°57'39.2"W			
Change	Buoy to "1" G, can, can topmark	21°05'38.3"N 75°57'46.3"W			
	Buoy to "2" R, conical, cone topmark	21°05'27.4"N 75°57'37.9"W			
	Buoy to "4" R, conical, cone topmark	21°05'20.7"N 75°57'35.7"W			
	Buoy to "8" R, conical, cone topmark	21°04'56.7"N 75°57'39.2"W			
	Buoy to "9" G, conical, can topmark	21°04'56.0"N 75°57'36.1"W			
	Shape of buoy "11" to conical	21°04'43.0"N 75°57'01.5"W			
	(6(47)04 Habana)				
<b>27081</b>	6Ed. 10/29/94 LAST NM 19/04				31/05
Delete	Buoy "1"	23°15'36"N 81°07'48"W			
	Buoy "2"	23°15'51"N 81°07'03"W			
	Buoy "3"	23°14'55"N 81°06'59"W			
	(6(37)04 Habana)				
<b>27082</b>	6Ed. 10/22/94 LAST NM 19/04				31/05
Delete	Buoy "1"	23°15'36.0"N 81°07'48.0"W			
	Buoy "2"	23°15'51.0"N 81°07'03.0"W			
	Buoy "3"	23°14'55.0"N 81°06'59.0"W			
	(6(37)04 Habana)				
<b>37010</b>	23Ed. 9/7/96 LAST NM 20/05				31/05
Delete	Buoy	55°27.0'N 5°08.0'E			
	(20(161)05 Kobenhavn)				
<b>★37018</b>	Ed. 9/21/00 NEW CHART				N31/05
Delete	Depth 7.1 meters	50°40'10.2"N 1°36'40.2"W			
	Depth 24 meters	50°38'00.0"N 1°43'00.0"W			
	Depth 3 meters	50°41'06.6"N 1°33'06.6"W			
	Depth 11.9 meters	50°43'00.6"N 1°28'51.0"W			
Add	Depth 2.2 meters and extend depth contour (5-meter) SE to enclose Buoy Y, spherical, Fl(5) Y 20s with legend "(2 buoys)"	50°40'06.6"N 1°36'40.2"W			
	Depth 0.8 meter and extend depth contour (2-meter) SW to enclose	50°37'52.8"N 1°25'05.4"W			
	Depth 2 meters enclosed by depth contour (2-meter)	50°39'12.6"N 1°28'34.2"W			
	Depth 3.7 meters and extend depth contour (5-meter) E to enclose	50°39'55.2"N 1°30'01.2"W			
	Depth 2 meters enclosed by depth contour (2-meter)	50°39'37.2"N 1°34'00.0"W			
	Depth 2.3 meters	50°41'07.8"N 1°33'10.2"W			
	Depth 2.7 meters and extend depth contour (5-meter) NW to enclose	50°41'40.8"N 1°32'50.4"W			
	Depth 9.7 meters enclosed by depth contour (10-meter)	50°42'59.4"N 1°28'49.2"W			
	(NGA; 43(4742), 46(5105)04, 1(27,29,30), 7(893)05 Taunton)				
<b>★37021</b>	Ed. 9/21/00 NEW CHART				N31/05
Delete	Depth 2.4 meters	50°50'07.3"N 1°08'59.9"W			
	Depth 1.7 meters	50°50'07.3"N 1°09'01.9"W			
	Depth 6.3 meters	50°49'03.3"N 1°07'46.8"W			
	Depth 0.2 meter	50°48'52.0"N 1°07'54.7"W			
Substitute	Note from Subsection I-2 for same	50°48'04.2"N 1°08'52.2"W			
	Beacon "Ballast" R, can topmark, Fl R 2.5s for buoy	50°47'37.5"N 1°06'49.7"W			
Add	Beacon "BC Outer" R, can topmark, Oc R 15s	50°47'19.4"N 1°06'41.0"W			
	Beacon "8A" G	50°48'04.8"N 1°07'15.1"W			
	Beacon "9A" G	50°48'06.4"N 1°07'18.4"W			
	Beacon "9B" G	50°48'07.9"N 1°07'18.8"W			

(continued on next page)

<b>37021</b>	(Continued)		
	Light Q(2) R 5s to beacon "31"	50°50'22.6"N 1°09'15.2"W	
	Light L Fl G 10s to beacon "42"	50°50'19.4"N 1°09'02.5"W	
	Depth 1.7 meters enclosed by depth contour (2-meter)	50°50'07.7"N 1°08'59.3"W	
	Drying height [I15] 0.2 meter enclosed by depth contour (0-meter)	50°49'19.3"N 1°07'55.9"W	
	Drying height [I15] 0.2 meter enclosed by depth contour (0-meter)	50°48'51.7"N 1°07'54.7"W	
	Drying height [I15] 0.1 meter enclosed by depth contour (0-meter)	50°48'45.4"N 1°07'43.1"W	
	Depth 2.9 meters enclosed by depth contour (5-meter)	50°48'27.2"N 1°07'18.1"W	
	Depth 1.9 meters enclosed by depth contour (2-meter)	50°48'17.9"N 1°06'30.1"W	
	<b>(Continuation)</b>		
Delete	Light	50°50'20.7"N 1°09'32.1"W	
	Depth 0.8 meter	50°50'19.7"N 1°10'17.5"W	
	Depth 1.4 meters	50°50'18.0"N 1°10'22.5"W	
	Depth 0.6 meter	50°50'20.3"N 1°10'24.6"W	
Change	Characteristic of light to 2 FR (vert)	50°50'20.7"N 1°09'30.3"W	
Add	Light Q(2) R 5s to beacon "31"	50°50'22.6"N 1°09'15.2"W	
	Light Q(5) G 10s to beacon "39"	50°50'21.7"N 1°10'01.8"W	
	Light Q(3) R 5s to beacon "34A"	50°50'19.0"N 1°10'23.5"W	
	Light Q(2) G 5s to beacon "38"	50°50'20.3"N 1°10'22.8"W	
	Drying height [I15] 0.6 meter enclosed by depth contour (0-meter)	50°50'19.6"N 1°10'19.5"W	
	(NGA; 1(109), 9(1208), 13(1673), 21(2530), 2531)05 Taunton)		
<b>★37029</b>	Ed. 6/29/00 NEW CHART		N31/05
	<b>(Plan B)</b>		
Add	Chartlet, depicting changes in hydrography, from Subsection I-2	50°48'23.0"N 0°32'21.0"W	
	(NGA; 1(32)05 Taunton)		
<b>★37082</b>	9Ed. 3/6/99 CHART CANCELED		31/05
	(NGA)		
<b>★37086</b>	8Ed. 2/27/99 CHART CANCELED		31/05
	(NGA)		
<b>★37124</b>	2Ed. 11/21/98 CHART CANCELED		31/05
	(NGA)		
<b>37165</b>	2Ed. 2/3/96 LAST NM 23/05		31/05
Delete	Buoy	55°27.2'N 5°08.0'E	
	Buoy	55°49.4'N 4°51.8'E	
	(20(161), 162)05 Kobenhavn)		
<b>37200</b>	15Ed. 6/29/96 LAST NM 22/05		31/05
Delete	Buoy	55°27.0'N 5°08.0'E	
	Buoy	55°49.4'N 4°51.8'E	
	(20(161,162)05 Kobenhavn)		
<b>37231</b>	18Ed. 4/5/97 LAST NM 23/05		31/05
Change	Designation of buoy "W9" to "W5"	53°41'14"N 8°24'03"E	
	Designation of buoy "W14" to "W8"	53°41'21"N 8°24'18"E	
Add	Buoy "W6/WE2" G, spar, can topmark	53°42'59"N 8°23'07"E	
	(6(21)05 Hamburg)		
<b>37234</b>	13Ed. 4/3/99 LAST NM 15/05		31/05
Delete	Buoy "W 11"	53°40'21.0"N 8°24'43.0"E	
	Buoy "W 13"	53°39'34.0"N 8°25'37.0"E	
	Buoy "W 16"	53°40'26.0"N 8°24'53.0"E	
Change	Designation of buoy "W 9" to "W 5"	53°41'16.0"N 8°24'02.0"E	
	Designation of buoy "W 15" to "W 11"	53°38'56.0"N 8°26'46.0"E	

	Designation of buoy "W 17" to "W 13"	53°38'14.0"N 8°27'49.0"E	
	Designation of buoy "W 14" to "W 8"	53°41'21.0"N 8°24'18.0"E	
	Designation of buoy "W 18" to "W 12"	53°39'39.0"N 8°25'52.0"E	
	Designation of buoy "W 20" to "W 14"	53°39'01.0"N 8°26'55.0"E	
	Designation of buoy "W 22" to "W 16"	53°38'13.8"N 8°28'00.0"E	
	Designation of buoy "W 48/Wurster Arm 24" to "48/W 18"	53°37'35.0"N 8°28'10.0"E	
Add	Buoy R, spar	53°37'56.4"N 8°21'20.4"E	
	Buoy R, spar	53°37'55.8"N 8°21'32.4"E	
	Buoy R, spar	53°37'55.8"N 8°21'43.8"E	
	Buoy R, spar	53°37'56.4"N 8°21'55.2"E	
	Buoy R, spar	53°37'56.4"N 8°22'06.0"E	
	Buoy R, spar	53°37'56.4"N 8°22'15.6"E	
	Buoy R, spar	53°37'55.2"N 8°22'27.0"E	
	Buoy R, spar	53°37'52.8"N 8°22'37.2"E	
	Buoy "F 4" R, pillar, Oc(2) R 9s	53°40'33.0"N 8°19'37.2"E	
	Buoy "F 9" G, pillar, Fl(2) G 9s	53°38'16.2"N 8°19'52.8"E	
	Buoy "F 6" R, spar	53°39'52.2"N 8°19'37.8"E	
	Buoy "F 7" G, spar	53°39'51.6"N 8°19'31.2"E	
	Buoy "W6/WE2" R, spar, can topmark	53°42'58.8"N 8°23'07.2"E	
	Buoy "W 7" G, conical	53°40'18.6"N 8°24'37.8"E	
	Buoy "W 9" G, conical	53°39'34.8"N 8°25'39.0"E	
	Buoy "W 10" G, spar	53°40'23.4"N 8°24'48.6"E	
	(6(21), 16(21)05 Hamburg)		
<b>38501</b>	2Ed. 8/9/80 LAST NM 32/04		31/05
Delete	Range beacon, front	66°56'52"N 53°41'10"W	
	Range beacon, rear	66°56'56"N 53°41'10"W	
	<b>(Plan)</b>		
Delete	Range beacon, front	66°56'52"N 53°41'10"W	
	Range beacon, rear	66°56'56"N 53°41'10"W	
	(39(938)02 Kobenhavn)		
<b>38520</b>	5Ed. 9/18/99 LAST NM 20/05		31/05
Add	Stranded wreck [K24]	65°01.8'N 52°22.3'W	
	(39(939)02 Kobenhavn)		
<b>38540</b>	4Ed. 6/28/97 LAST NM 34/04		31/05
Delete	Light	63°58.4'N 51°44.0'W	
Change	Range light, front to Iso R 2s 16m 6M	63°58.1'N 51°44.0'W	
Add	Range light, rear Iso R 4s 30m 6M	63°58.0'N 51°44.1'W	
	(25(724)99 Kobenhavn)		
<b>38541</b>	4Ed. 3/13/99 LAST NM 22/99		31/05
Change	Visibility (range) of range light, front to 6M	63°58'09"N 51°43'58"W	
	Visibility (range) of range light, rear to 6M	63°57'59"N 51°44'08"W	
	(25(724)99 Kobenhavn)		
<b>38542</b>	3Ed. 5/1/81 LAST NM N38/97		N31/05
Change	Visibility (range) of range light, front to 6M	63°58'09"N 51°43'58"W	
	Visibility (range) of range light, rear to 6M	63°57'59"N 51°44'08"W	
	(25(724)99 Kobenhavn)		
<b>43360</b>	21Ed. 1/4/97 LAST NM 20/05		31/05
Change	Visibility (range) of light to 12-9M (Nor LL)	58°04.8'N 8°05.6'E	
<b>43363</b>	5Ed. 6/5/93 LAST NM 8/05		31/05
Change	Visibility (range) of light "Gronningen" to 12-9M (Nor LL)	58°04'48"N 8°05'36"E	
<b>44001</b>	2Ed. 10/19/96 LAST NM 17/05		31/05
Add	Depth 16 meters Wk	57°44.0'N 22°08.7'E	
	Depth 16.9 meters Wk	57°47.4'N 22°21.8'E	
	(6(39), 40)05 Riga)		

## SECTION I

NM 31/05

<b>44015</b>	8Ed. 7/22/95	LAST NM 14/05	31/05	
	Add	Depth 15.2 meters	54°52.6'N 18°22.1'E	
		(8(154)05 Gdynia)		
<b>44140</b>	8Ed. 7/20/96	LAST NM 5/05	31/05	
	Add	Depth 15.2 meters	54°52.6'N 18°22.1'E	
		(8(154)05 Gdynia)		
<b>44180</b>	6Ed. 7/6/91	LAST NM 47/04	31/05	
	Change	Light "Suomen Leijona" to Fl(2) 12s 13m 9M		
		Racon	59°28.4'N 20°48.8'E	
		(8(118)05 Helsinki)		
<b>44320</b>	4Ed. 9/21/96	LAST NM 2/05	31/05	
	Change	Light "Suomen Leijona" to Fl(2) 12s 13m 9M		
		Racon	59°28.4'N 20°49.0'E	
		(8(118)05 Helsinki)		
<b>44400</b>	4Ed. 9/7/96	LAST NM 23/05	31/05	
	Substitute	Depth 16 meters Wk for 13.6 meters Wk		
			57°44.0'N 22°08.7'E	
		Depth 16.9 meters Wk for 16 meters Wk		
			57°47.4'N 22°21.8'E	
	Change	Visibility (range) of range light, front to 6M		
			58°42.1'N 22°29.5'E	
		Visibility (range) of range light, rear to 6-3M		
			58°42.2'N 22°29.2'E	
	Add	Stranded wreck [K24]	58°30.8'N 22°00.0'E	
		Stranded wreck [K24]	58°30.0'N 22°08.4'E	
		(6(39, 40)05 Riga; 6(65, 77, 78)05 Tallinn)		
<b>44410</b>	4Ed. 2/8/97	LAST NM 52/04	31/05	
	Substitute	Depth 16 meters Wk for 13.6 meters Wk		
			57°44.0'N 22°08.7'E	
		Depth 16.9 meters Wk for 16 meters Wk		
			57°47.4'N 22°21.8'E	
	Change	Visibility (range) of light to 6-3M	58°42.2'N 22°29.2'E	
	Add	Stranded wreck [K24]	58°30.8'N 22°00.0'E	
		Stranded wreck [K24]	58°30.0'N 22°08.4'E	
		(6(39, 40)05 Riga; 6(65, 77, 78)05 Tallinn)		
<b>44420</b>	6Ed. 12/14/96	LAST NM 26/05	31/05	
	Substitute	Depth 16 meters Wk for 13.6 meters Wk		
			57°44.0'N 22°08.7'E	
		(6(39)05 Riga)		
<b>44444</b>	6Ed. 5/15/99	LAST NM 23/05	31/05	
	(Plan B)			
	Change	Light to Oc WRG 3s 10m 10M	55°41'24.9"N 21°07'58.4"E	
	Add	Light Oc WRG 3s 65m 10M	55°43'24.9"N 21°06'10.8"E	
		(6(28), 7(30)05 Klaipeda)		
<b>44461</b>	10Ed. 1/11/97	LAST NM 10/05	31/05	
	Delete	Depth 16 meters	54°52.5'N 18°23.0'E	
	Add	Depth 15.2 meters	54°52.6'N 18°22.1'E	
		(8(154)05 Gdynia)		
<b>51260</b>	4Ed. 8/10/96	LAST NM 28/05	31/05	
	Substitute	Disused submarine cable [L32] for submarine cable between		
			27°50.8'N 15°24.0'W	
			27°45.0'N 15°18.3'W	
		(40(694)02 Cadiz)		
<b>51263</b>	23Ed. 9/27/97	LAST NM 19/05	31/05	
	Change	Light to "Shell Central" F 13m 2M (occas)		
			32°38'20.7"N 16°57'03.3"W	
		Light to "Shell W" F, FR 14m 2M (occas)		
			32°38'25.7"N 16°57'09.3"W	
	Add	Light "Shell E" FR 33m 2M (occas)		
			32°38'07.2"N 16°56'50.4"W	
		Light FR 44m 2M (occas)	32°38'32.4"N 16°57'05.4"W	
		Light FR 61m 2M (occas)	32°38'07.2"N 16°56'38.4"W	
		(25(369)02 Lisboa; Por LL)		
<b>51343</b>	3Ed. 5/25/96	LAST NM 43/04	31/05	
	(Plan)			
	Add	Solid line with land tint (wharf expansion) joining		
			28°29'52.7"N 13°51'23.2"W	
			28°29'52.6"N 13°51'24.0"W	
			28°29'51.5"N 13°51'23.8"W	
			28°29'51.6"N 13°51'23.0"W	
		and delete all hydrography within above area		
		Solid line with land tint (wharf expansion) joining		
			28°29'51.0"N 13°51'17.7"W	
			28°29'42.1"N 13°51'16.6"W	
			28°29'41.9"N 13°51'18.3"W	
		and delete all hydrography within above area		
		(20(271, 272)00 Cadiz)		
<b>51601</b>	8Ed. 1/10/98	LAST NM 49/04	31/05	
	Change	Title to "CAUTIONS" and first line to "1. Grid lines constructed by connecting border ticks are NOT true North"	9°30'19.0"N 13°52'42.0"W	
	Add	Depth 1 meter	9°31'18.6"N 13°43'03.0"W	
		Legend "CAUTION NO 2"	9°31'16.0"N 13°43'12.0"W	
		Caution No. 2 to CAUTIONS note "2. Shoaling has taken place within the port of Conakry. The 5 meter contour has encroached to within 40 meters of the north-western limit of the dredged channel."	9°30'06.0"N 13°52'42.0"W	
		(11(1363P)05 Taunton)		
<b>51210</b>	12Ed. 11/14/87	LAST NM 19/05	31/05	
	Delete	Light	40°54.5'N 0°50.0'E	
		(14(137)05 Cadiz)		
<b>54115</b>	3Ed. 8/31/02	LAST NM 30/05	31/05	
	Add	Platform "IKA-A" with light flare symbol [L2]	44°21.8'N 13°29.2'E	
		(9(1)04 Split)		
<b>54125</b>	3Ed. 8/17/02	LAST NM 30/05	31/05	
	Add	Platform "IKA-A" with light flare symbol [L2]	44°21.8'N 13°29.2'E	
		(9(1)04 Split)		
<b>54131</b>	2Ed. 2/10/01	LAST NM 30/05	31/05	
	Add	Platform with light flare symbol [L10]	44°21.8'N 13°29.2'E	
		(9(1)04 Split)		
<b>54140</b>	7Ed. 9/5/92	LAST NM 30/05	31/05	
	Add	Platform "IKA-A" with light flare symbol [L2]	44°21'49"N 13°29'09"E	
		(9(1)04 Split)		
<b>76081</b>	7Ed. 9/22/90	LAST NM 15/05	31/05	
	Add	Beacon YB, double cone topmark points downward [Q130.3]	41°12'12"S 174°10'10"E	
		(6(62)05 Wellington)		
<b>76110</b>	5Ed. 4/4/98	LAST NM 23/02	31/05	
	Add	Dashed line with legend "Harbor/Pilotage Limit" [N49] between	44°34.3'S 167°47.0'E	
			44°34.3'S 167°49.3'E	
		Dashed line with legend "Harbor/Pilotage Limit" [N49] between	44°38.5'S 167°38.0'E	
			44°39.6'S 167°36.9'E	
		Dashed line with legend "Harbor/Pilotage Limit" [N49] between	44°44.0'S 167°31.2'E	
			44°43.0'S 167°33.6'E	
		Dashed line with legend "Harbor/Pilotage Limit" [N49] between	44°45.2'S 167°29.7'E	
			44°46.4'S 167°28.2'E	
		Dashed line with legend "Harbor/Pilotage Limit" [N49] between	44°50.7'S 167°20.4'E	
			44°50.7'S 167°21.4'E	

(continued on next page)

**76110** (Continued)  
 Dashed line with legend "Harbor/Pilotage Limit" [N49] between 45°00.3'S 167°07.5'E 44°59.4'S 167°08.2'E  
 Dashed line with legend "Harbor/Pilotage Limit" [N49] between 45°03.1'S 167°04.7'E 45°03.1'S 167°05.9'E  
 Dashed line with legend "Harbor/Pilotage Limit" [N49] between 45°06.2'S 167°01.7'E 45°06.3'S 167°00.8'E  
 Dashed line with legend "Harbor/Pilotage Limit" [N49] between 45°08.8'S 166°57.5'E 45°08.3'S 166°58.5'E  
 Dashed line with legend "Harbor/Pilotage Limit" [N49] between 45°16.6'S 166°50.5'E 45°13.5'S 166°52.3'E  
 Dashed line with legend "Harbor/Pilotage Limit" [N49] between 45°22.7'S 166°46.3'E 45°24.1'S 166°45.2'E  
 (6(64), 7(79)05 Wellington)  
**81059** 1Ed. 3/12/05 LAST NM N26/05 N31/05  
 Delete Depth 87 meters, blue tint and enclosing depth contour in vicinity 13°21.5'N 144°56.8'E (NTM0028/2005)  
**81060** 2Ed. 5/8/93 LAST NM 20/05 31/05  
 Delete Depth 87 meters and enclosing depth contour in vicinity 13°21'45"N 144°56'45"E (NTM0028/2005)  
**91294** 8Ed. 3/29/86 LAST NM 19/03 31/05  
 Add Chartlet A, depicting changes in hydrography and topography, from Subsection I-2 14°37'06.0"N 120°56'36.0"E  
 Chartlet B, depicting changes in hydrography, from Subsection I-2 14°34'21.0"N 120°55'18.0"E  
 Chartlet C, depicting changes in hydrography and topography, from Subsection I-2 14°34'21.0"N 120°57'40.0"E  
 Chartlet D, depicting changes in hydrography, from Subsection I-2 14°32'34.0"N 120°55'47.0"E (BA CH 3487)  
**97181** 20Ed. 3/26/94 LAST NM 28/05 31/05  
 Add Light F, Fl(2) R 8s 15m 9/5M 35°00'34"N 136°48'06"E (47(1206)04 Tokyo)  
**97183** 9Ed. 3/21/98 LAST NM 23/05 31/05  
 Add Light F, Fl(2) R 8s 9/5M 35°00'34"N 136°48'06"E (47(1206)04 Tokyo)  
**97184** 15Ed. 9/13/97 LAST NM 42/04 31/05  
 Delete Note No. 4 from SHOALING note 35°00'36.0"N 136°53'16.0"E  
 Dashed line joining 35°01'46.3"N 136°50'25.0"E 35°01'43.1"N 136°50'21.5"E 35°01'38.0"N 136°50'20.0"E  
 Purple dashed line between 35°01'45.6"N 136°50'23.5"E 35°01'27.2"N 136°50'20.0"E  
 Purple dashed line between 35°01'38.0"N 136°50'22.3"E 35°01'38.0"N 136°50'20.0"E  
 Dashed line between 35°00'21.0"N 136°49'44.0"E 34°59'35.0"N 136°49'07.0"E  
 Purple dashed line between 35°00'39.0"N 136°49'59.5"E 34°58'55.0"N 136°48'36.0"E (See 39/99, 28/02, 42/04-97184)  
 Change Visibility (range) of beacon to 5M 34°59'56.0"N 136°48'54.0"E  
 Legend to "Dredged to 14m (1997)" 35°02'00.0"N 136°51'31.0"E  
 Legend to "Dredged to 15m (1967-2003)" 35°00'35.0"N 136°50'11.0"E

Add Dashed line (dredged area limit) joining 35°00'50.6"N 136°50'18.2"E 35°01'00.2"N 136°50'25.9"E 35°00'56.3"N 136°50'33.1"E  
 "15m" (dredged area limit) bound by dashed line joining 35°01'45.2"N 136°50'22.0"E 35°01'45.6"N 136°50'23.5"E 35°01'38.0"N 136°50'22.3"E 35°01'37.7"N 136°50'18.0"E  
 Purple dashed line joining 35°01'45.6"N 136°50'23.5"E 35°01'45.2"N 136°50'22.0"E 35°01'41.5"N 136°50'20.0"E  
 Dashed line (dredged area limit) between 34°58'55.0"N 136°48'55.0"E 34°58'59.5"N 136°48'59.0"E  
 Dashed line (dredged area limit) joining 35°00'39.0"N 136°49'50.5"E 35°00'01.5"N 136°49'20.9"E 35°00'00.0"N 136°49'23.5"E 34°58'58.2"N 136°48'33.5"E 34°58'55.0"N 136°48'32.0"E  
 and delete hydrography between existing dredged area and above dashed line  
 Purple dashed line (East Passage Limit) joining 35°00'39.0"N 136°49'54.5"E 35°00'00.0"N 136°49'23.5"E 34°58'58.2"N 136°48'33.5"E 34°58'55.0"N 136°48'32.0"E  
 Chartlet A, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 35°03'00.0"N 136°52'18.0"E  
 Chartlet B, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 35°00'12.0"N 136°48'00.0"E  
 Chartlet C, depicting changes in hydrography, topography and aids to navigation from Subsection I-2 35°01'15.0"N 136°49'06.0"E (Jpn CH W1055A; 42(1084), 47(1206)04, 2(30), 6(157)05 Tokyo)  
**97189** 2Ed. 8/9/97 LAST NM 42/04 31/05  
 Delete Note No. 2 from SHOALING note 34°57'18.0"N 136°50'06.0"E  
 Dashed line between 35°00'21.0"N 136°49'44.0"E 34°59'35.0"N 136°49'07.0"E  
 Dashed line joining 34°58'54.5"N 136°48'34.0"E 34°57'26.5"N 136°47'23.0"E 34°57'08.0"N 136°47'28.5"E  
 Purple dashed line between 35°00'38.5"N 136°50'00.0"E 34°57'15.0"N 136°47'15.0"E (See 9/99, 28/02, 42/04-97189)  
 Change Visibility (range) of beacon to 5M 34°59'49.3"N 136°48'54.0"E  
 Legend to "Dredged to 15m (1999-2003)" 35°00'35.0"N 136°50'11.0"E  
 Legend to "Dredged to 15m (1999-2003)" 34°58'34.0"N 136°48'28.0"E  
 Add Dashed line (dredged area limit) between 35°00'50.6"N 136°50'18.2"E 35°01'00.2"N 136°50'25.9"E  
 Dashed line (dredged area limit) between 34°57'57.0"N 136°48'09.0"E 34°58'59.5"N 136°48'59.0"E  
 Dashed line (dredged area limit) joining 35°00'38.5"N 136°49'50.2"E 35°00'01.5"N 136°49'20.9"E 35°00'00.0"N 136°49'23.5"E 34°58'58.2"N 136°48'33.5"E 34°57'40.8"N 136°47'32.0"E 34°57'40.0"N 136°47'33.0"E 34°57'16.0"N 136°47'13.0"E 34°57'08.0"N 136°47'28.5"E  
 and delete hydrography between existing dredged area and above dashed line  
 (continued on next page)

97189 (Continued)

"Dredged to 14m (1967-1997)" area bound by  
 dashed line joining  
     35°00'23.8"N 136°49'57.0"E  
     35°00'26.0"N 136°49'49.5"E  
     34°59'47.5"N 136°49'17.0"E  
     34°59'42.6"N 136°49'24.0"E

Purple dashed line (East Passage Limits)  
 joining  
     35°00'38.5"N 136°49'54.0"E  
     35°00'00.0"N 136°49'23.5"E  
     34°58'58.2"N 136°48'33.5"E  
     34°57'40.8"N 136°47'32.0"E  
     34°57'16.5"N 136°47'17.0"E  
     34°57'15.0"N 136°47'15.0"E

Chartlet A, depicting changes in hydrography,  
 topography and aids to navigation from  
 Subsection I-2      35°00'12.0"N 136°47'48.0"E

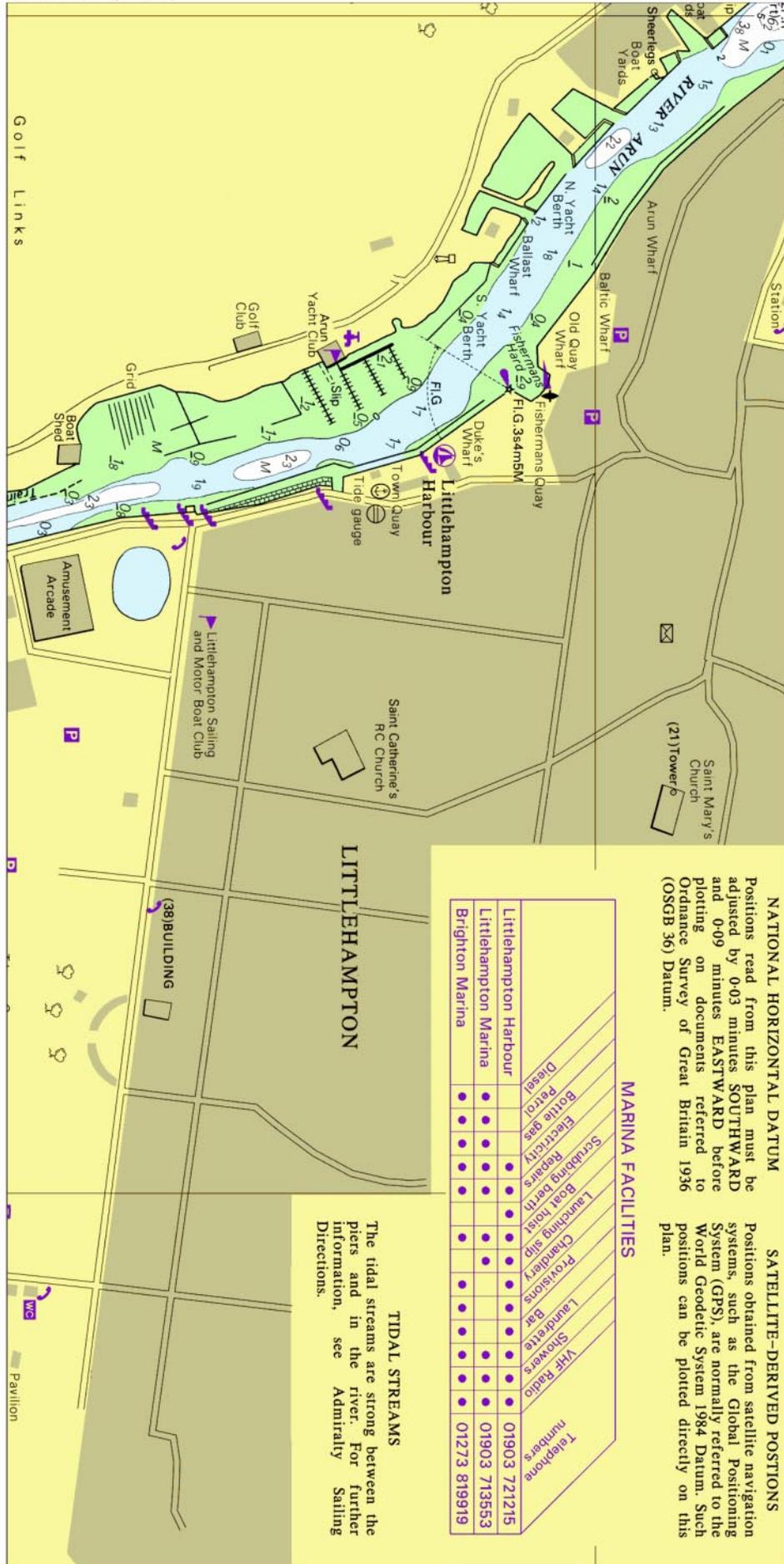
Chartlet B, depicting changes in hydrography,  
 topography and aids to navigation from  
 Subsection I-2      35°01'00.0"N 136°49'12.0"E

(Jpn CH W1055A, W1055B; 47(1206)04, 6(157)05 Tokyo)

SECTION I

Chart 37029 (Plan B)

NM N31/05



**NATIONAL HORIZONTAL DATUM**  
 Positions read from this plan must be adjusted by 0-03 minutes SOUTHWARD and 0-09 minutes EASTWARD before plotting on documents referred to Ordnance Survey of Great Britain 1936 (OSGB 36) Datum.

**SATELLITE-DERIVED POSITIONS**  
 Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Such positions can be plotted directly on this plan.

**MARINA FACILITIES**

	Scrubbing	Boat repair	Launching slip	Provisionary	Laundrette	VHF radio	Telephone numbers
Littlehampton Harbour	●	●	●	●	●	●	01903 721215
Littlehampton Marina	●	●	●	●	●	●	01903 713553
Brighton Marina	●	●	●	●	●	●	01273 819919

**TIDAL STREAMS**  
 The tidal streams are strong between the piers and in the river. For further information, see Admiralty Sailing Directions.

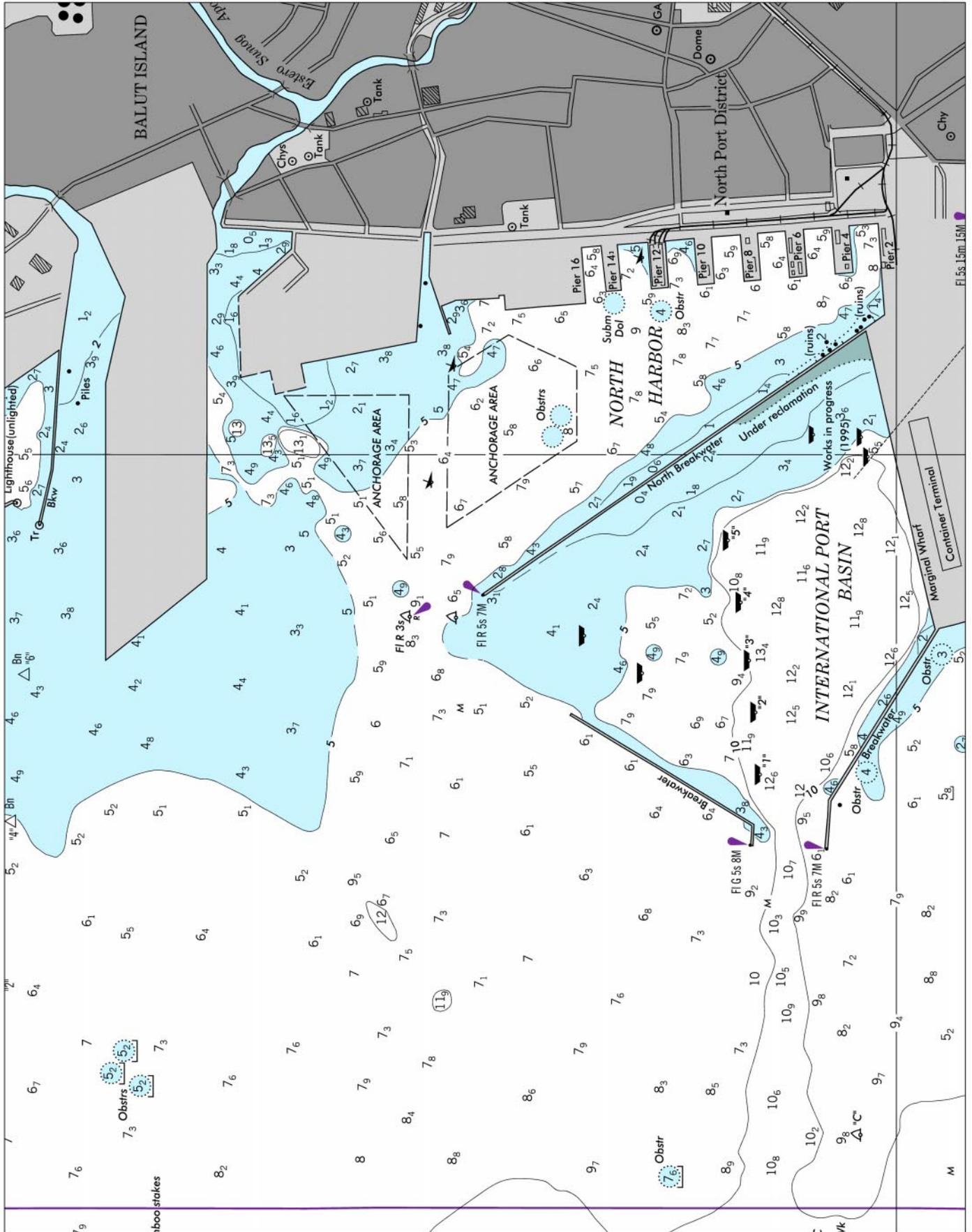


Chart 91294

(B)

NM 31/05

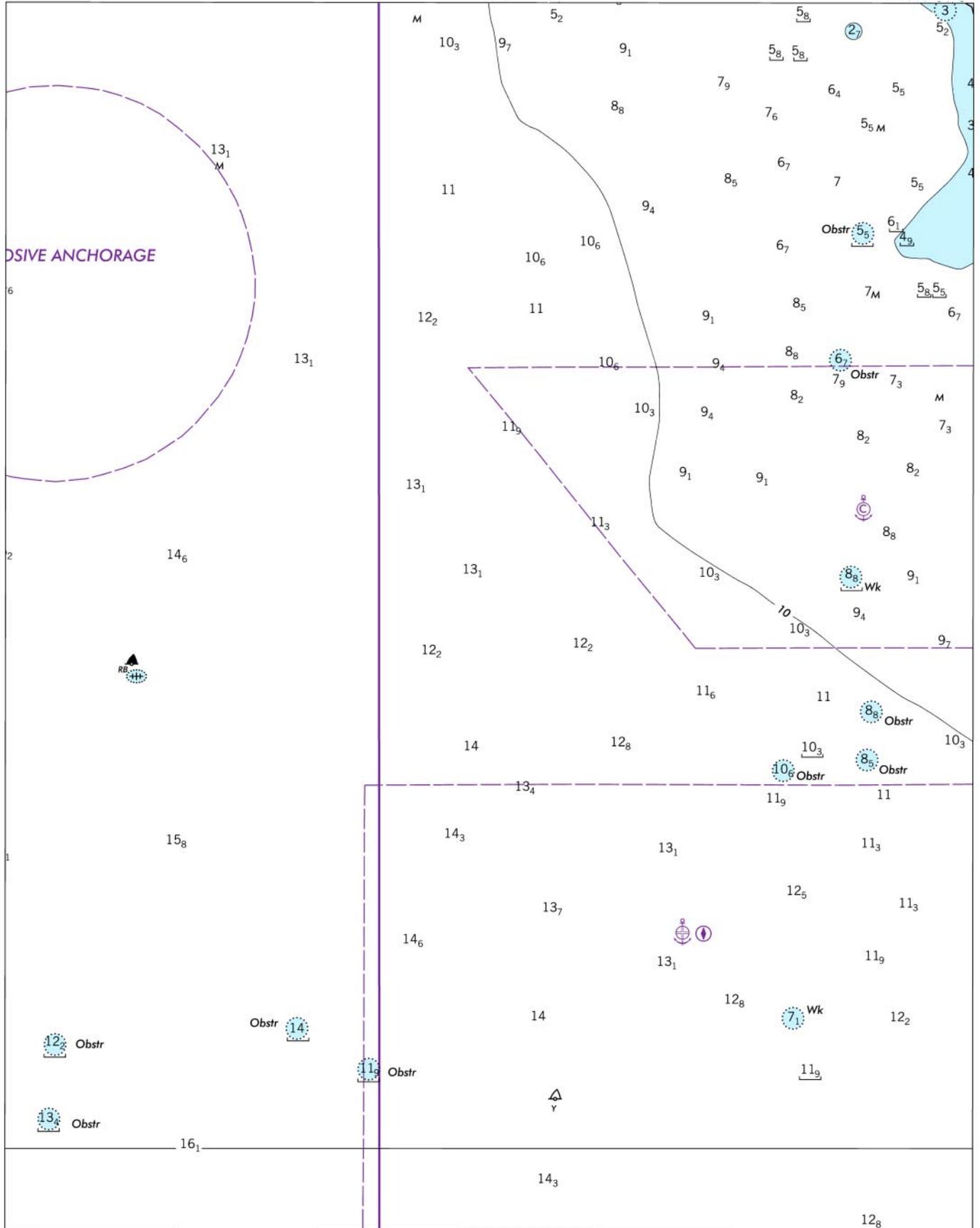
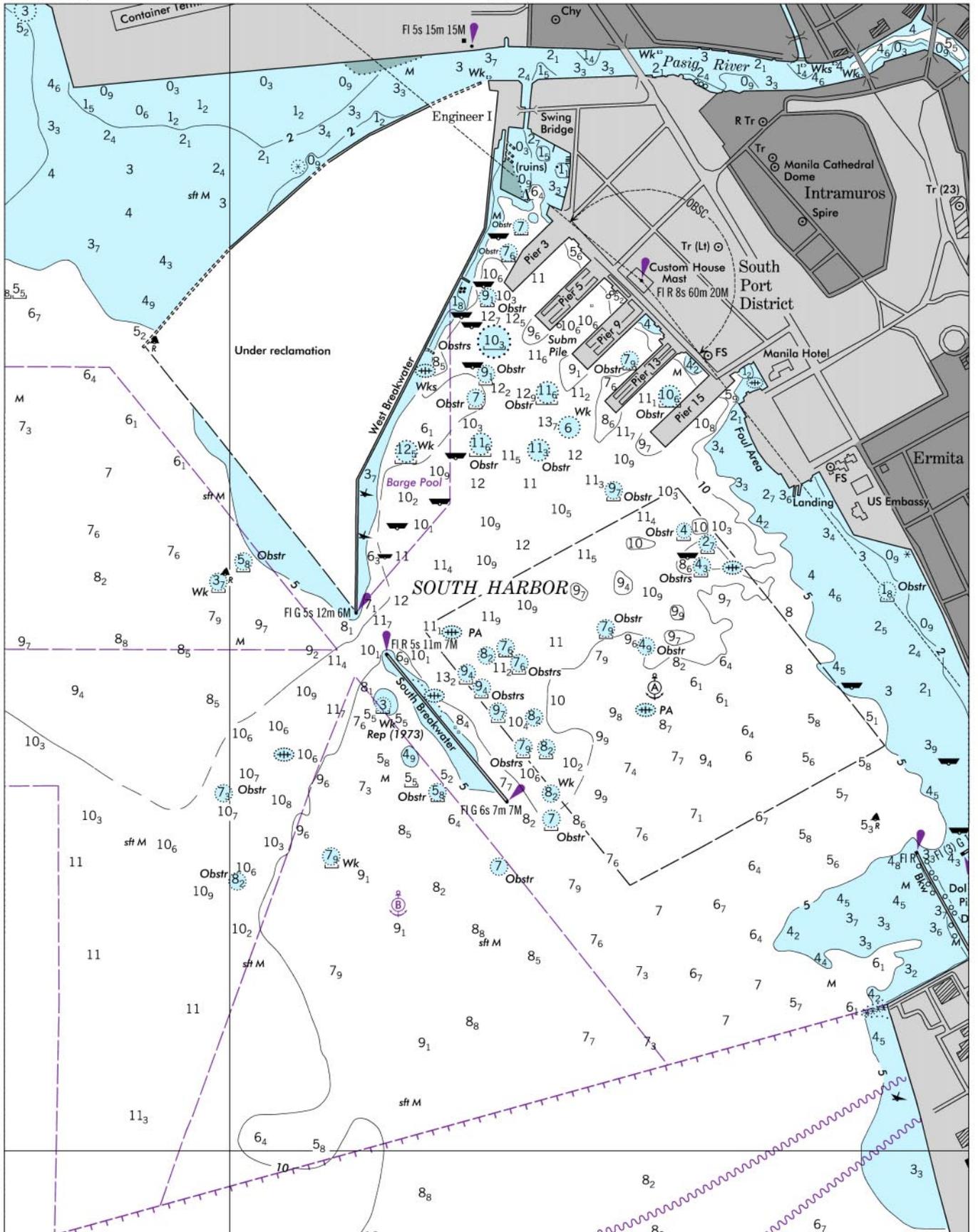


Chart 91294

(C)

NM 31/05



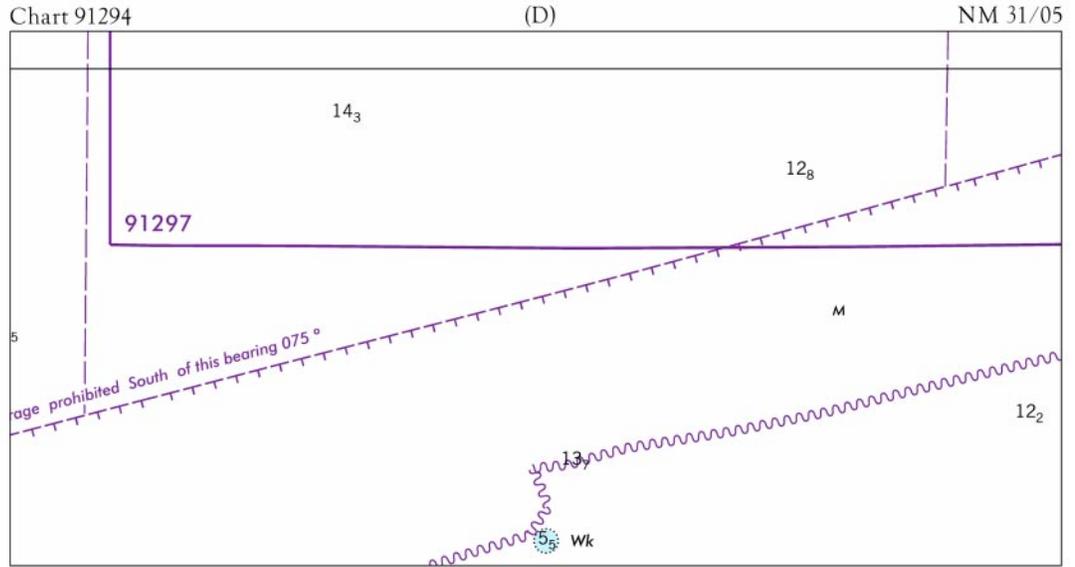


Chart 97184

(A)

NM 31/05

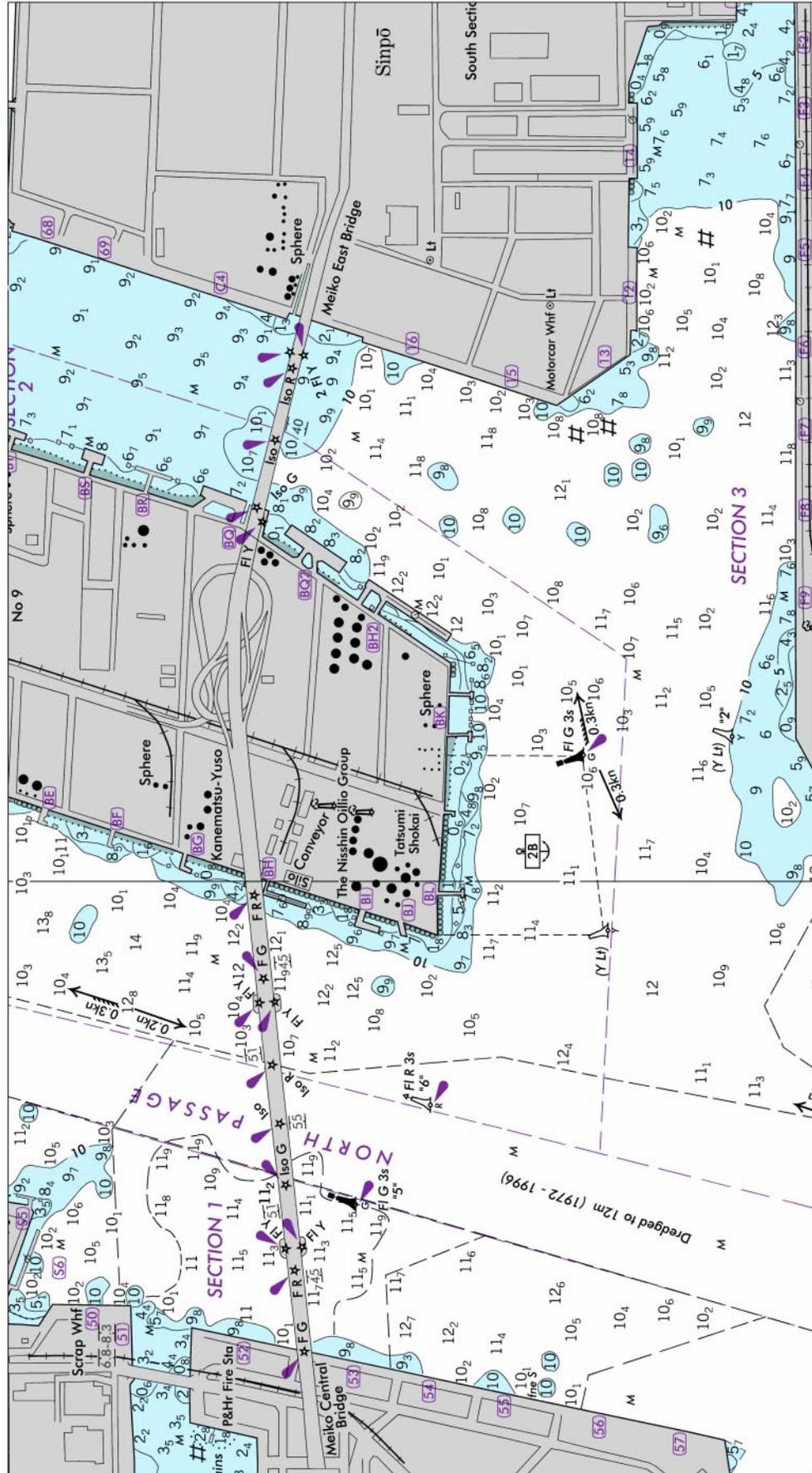
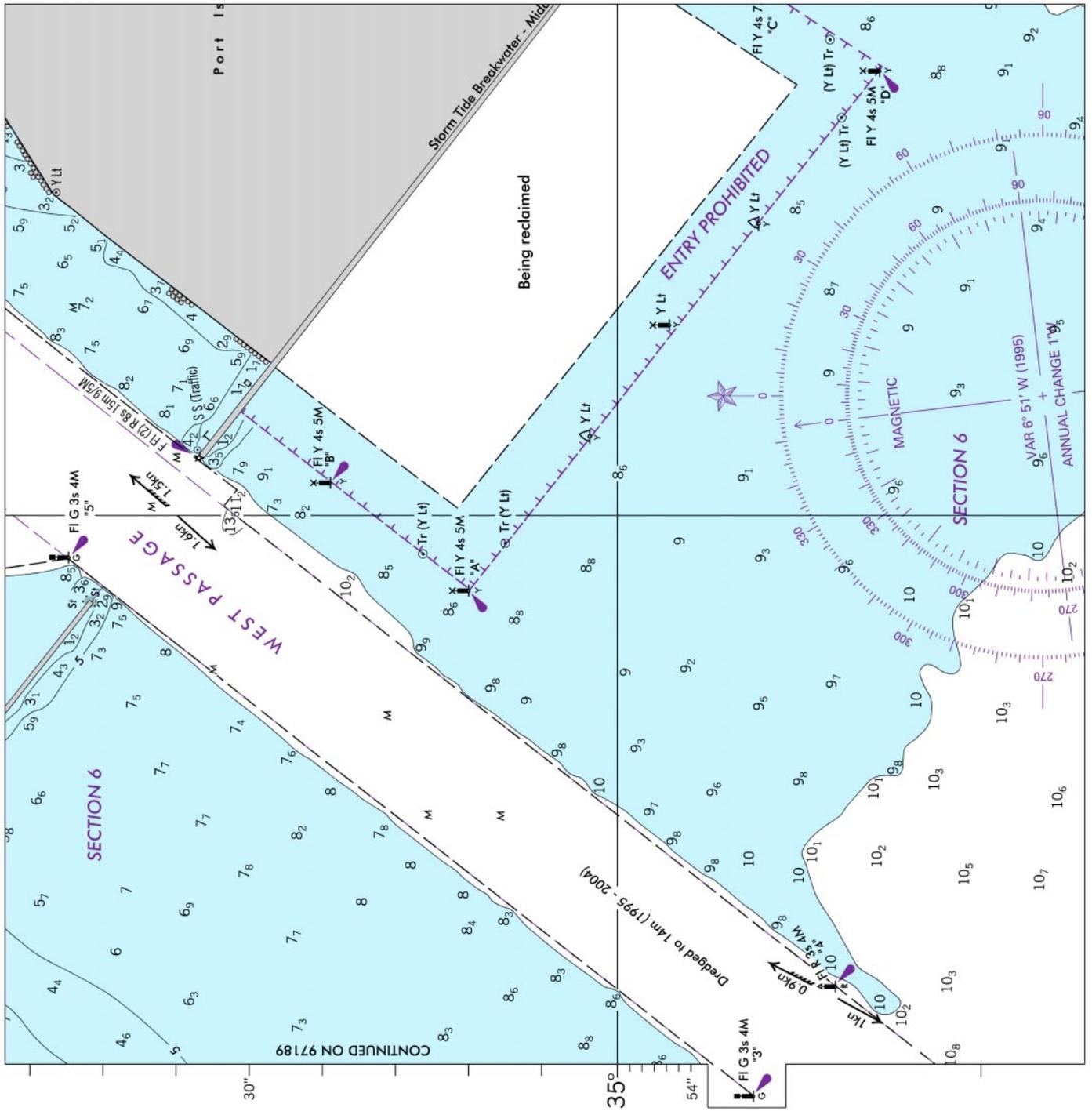
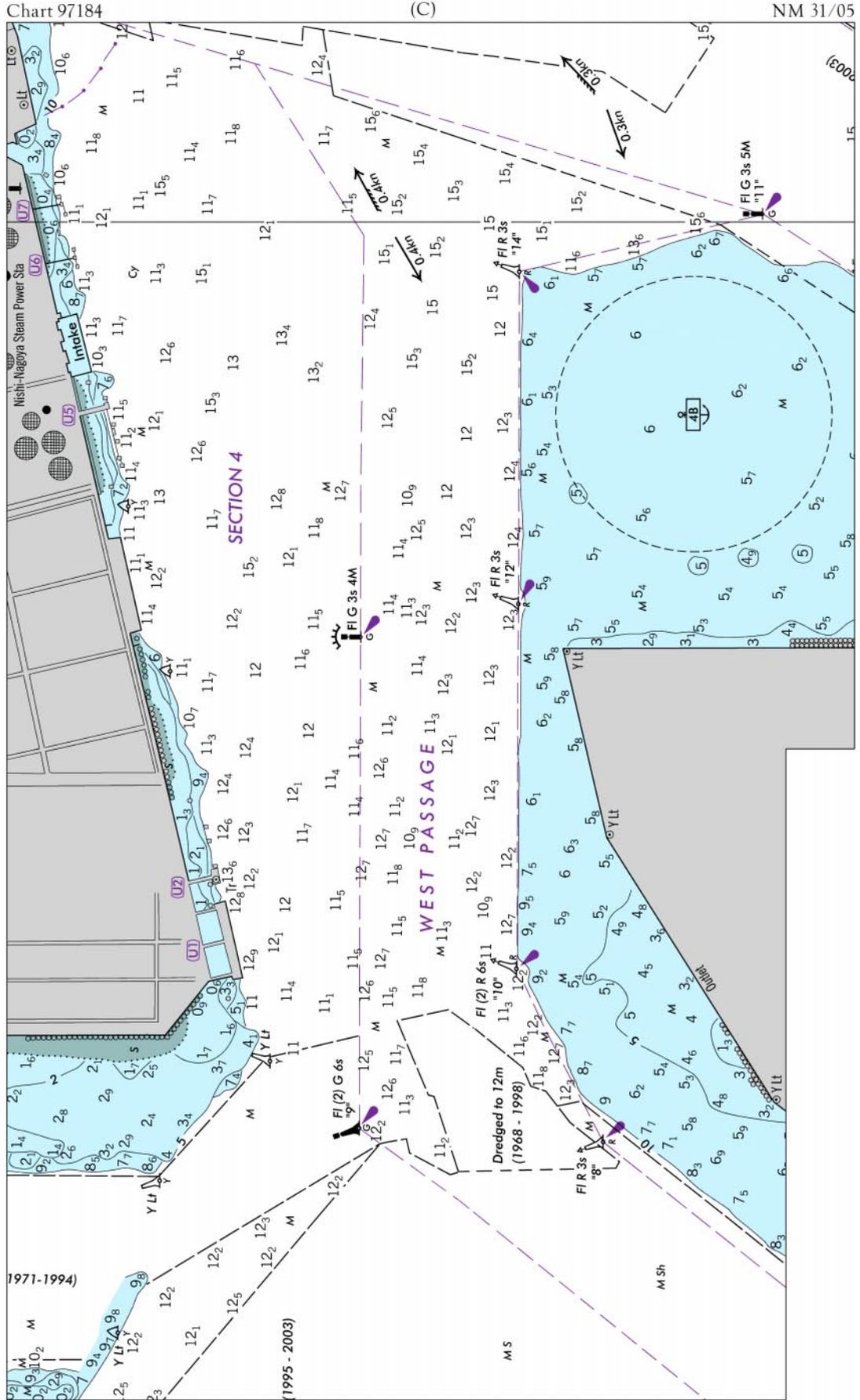


Chart 97184

(B)

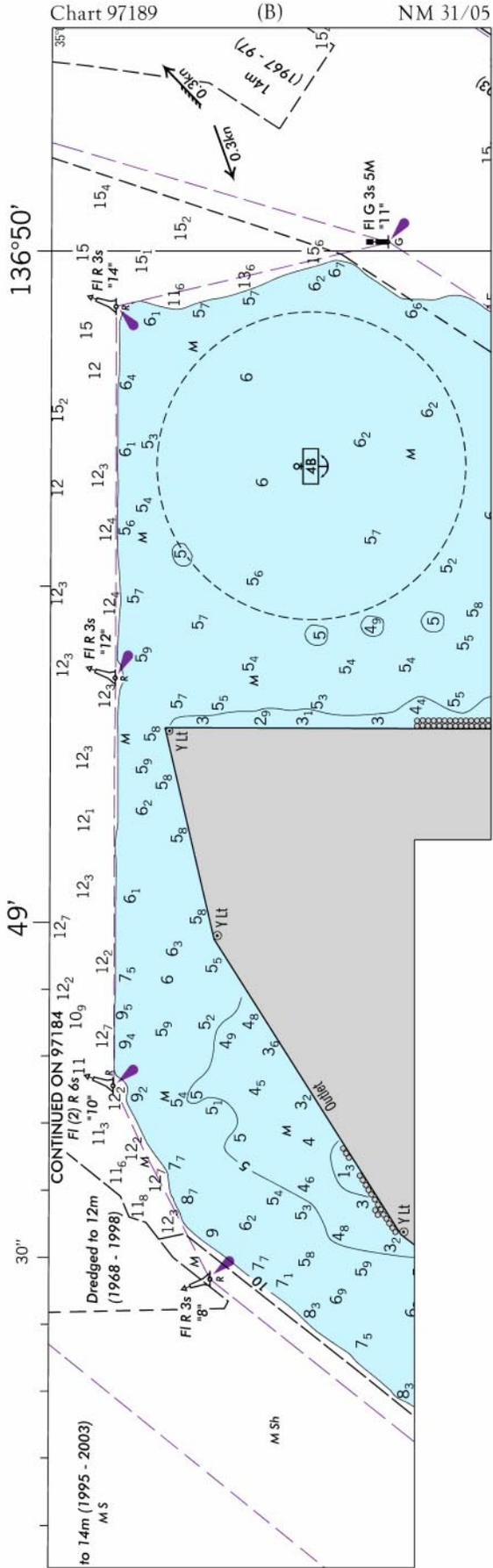
NM 31/05







SECTION I



## SECTION I

NM 31/05

Chart 11404 (Side A)

NM 31/05

CARRABELLE HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CARRABELLE HARBOR ENTRANCE CHANNEL	11.1	14.2	13.0	11-04	150	2.3	25
HARBOR CHANNEL	13.4	14.6	11.1	11-04	150	0.6	25
TURNING BASIN	9.1	11.0	10.0	11-04	500	0.1	25
TURNING BASIN TO BRIDGE (29°50'58.8"N, 084°40'36.7"W)	9.0	10.0	7.9	11-04	100	0.6	10
BRIDGE TO 3 MILES NORTH	3.9	7.7	3.9	11-04	80	3.0	10
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 18456

NM 31/05

OLYMPIA HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2005 AND SURVEYS TO FEB 2005							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
OUTER HARBOR (ENTRANCE TO BUOY 6)	28.1	29.8	30.1	2-05	500	1.34	30
ENTRANCE CHANNEL (BUOY 6 TO BASIN)	28.4	29.5	27.9	2-05	300	.35	30
TURNING BASIN	29.8	28.7	25.0	2-05	300-800	.50	30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 37021

NM N31/05

**BOAT CHANNEL**  
**PORTSMOUTH HARBOUR ENTRANCE**  
 A Boat Channel between No. 4 buoy (50° 47'-01N 1° 06'-36W) and Ballast Beacon (50° 47'-62N 1° 06'-83W), is established on the west side of the entrance. It is mandatory for all vessels under 20m in length when entering or leaving Portsmouth Harbour. All sailing vessels fitted with engines must proceed under power when in this channel. Vessels under 20m in length proceeding to and from Gunwharf Quays or the town cambers must cross the main navigation channel at right angles northward of Ballast Beacon after first obtaining the permission of the Queen's Harbour Master. For further details see Admiralty Sailing Directions, Admiralty List of Radio Signals and local Notice to Mariners.



CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/04 THROUGH NM 31/05

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12233	36	16/04*	12401	8	16/05*	14001		N23*,N48/04	14341	5	37,39,47/04
12235	30	22*,28,29/04	12402	9	51/04*;2,7,8/05	14002	57	23/04**	14349	7	47/04
12237	27	28,29,47/04;28/05	13000		N7,N26/05	14003	6	16,36,39,43,48/04;26/05	14350	12	47/04
12238	38	19,28,35,36,38,51/04;26/05	13003	48	50/04*;7,23,26/05	14004		N23*,N39/04	14351	11	47/04
12241	21	35,51/04	13006	32	13*,15,26/05	14005	78	23/04**	14357		N15/04
12243	13	20,35/04	13009	31	1*,26/05	14006		N23/04*	14358		N15/04
12244	13	20/04	13200	33	33,34/04;2/05	14007		N41/04	14360	36	15,47/04
12245	64	21*,28/05	13203	12	2/05	14009	3	29/04**	14364	6	39/04
12248	40	15,49/04;2,26/05	13204	12	2/05	14010	5	29/04**	14373	2	39/04
12251	23	27,52/04;2/05	13205	37	47*,50/04;2,23/05	14011		N23/04*	14380	19	47/04
12252	24	25*,28,38,49/04;2,7,14/05	13209	24	37*,50/04;2,11/05	14012		N29/04*	14757		N15/04
12253	44	10*,24/05	13211	14	47/04*;22/05	14013		N29/04*	14760		N15/05
12254	45	25/05*	13212	36	18*,25,38,39/04;22/05	14014	82	29/04**	14770	17	51/04*
12256	14	35/04;4/05	13213	41	18*,20,23,34,38,39,45/04	14015		N29/04*	14771	17	32/04*;13/05
12261	28	20,40,51/04;21/05	13214	27	17,28,39/04	14016		N29/04*	14772	17	13/05
12263	53	37,41/04;2,31/05	13215	18	44/04*	14019		N29*,N34,N48/04	14773	17	48/04*
12264	28	26,33,39/04;2,26/05	13218	39	34*,36,49,51/04;2,7,8,11/05	14020		N1/05*	14774	17	40/04*;13,15/05
12266	28	41/04;31/05	13218	38	19,20,22,23,24,29,30,33/04	14021		N8/05*	14781	20	4/05*
12270	33	15*,37,41/04;2/05	13219	12	26/04	14022		N14/05*	14784	20	41/04*
12272	30	2*,15/05	13221	55	9*,11,12,15,30/05	14023		N14/05*	14785	17	18/04*
12273	55	31*,38,39/04;2,4/05	13223	37	16*,20,23,29/04;5,8,11,12,15,30/05	14024	5	37,39/04	14786	13	19,50/04
12274	33	20,29,38/04;4/05	13224	37	22*,26,28,33,34/04;8/05	14025		N43/04*	14791	18	22/04*
12277	33	51*,52/04;2/05	13225	33	15,19,33/04	14026		N12/05*	14800	9	20/04
12278	74	14/05*	13226	6	17*,19,29/04	14027		N12/05*	14802	30	20/04;15/05
12280	5	51/04*;4,9,P19,26,27,31/05	13227	13	19/04	14028		N14/05*	14803	26	21/05
12281	50	3*,4,28/05	13228	11	22,23/04	14029		N14/05*	14804	24	13/05
12282	34	31/04;2,8/05	13229	29	15/05*	14040	65	29/04**	14805	24	21/04*
12283	25	29/04*	13230	47	15*,19,22,23,24,30,34,49,51/04;2,7/05	14041	12	29/04**	14806	24	51/04*;15/05
12284	15	26,33,39/04	13232	4	19,23,28,34/04;7/05	14042	3	1/05**	14810	4	15/05
12285	36	19*,36,47,48/04;21/05	13233	16	22,23,43,51,52/04;2/05	14043	7	8/05**	14811	16	20/04;13/05
12286	29	28,36/04	13235	6	23*,49/04	14044	44	14/05**	14813	21	19,50/04;15/05
12287	17	36/04	13236	29	7/05	14046	2	14/05**	14814	24	36/04;21/05
12288	19	36/04	13237	39	23,43,49,52/04;2/05	14049		N6/05*	14815	23	41/04*
12289	48	21/05	13238	14	52/04;2/05	14058		N29/04*	14816	24	17/04*;21/05
12300	45	21/05*	13241	15	23/04	14061	27	36,48/04	14820	20	15*,24,35/04
12301	21	N20,N28,N31,N33,N34,N36,N47,N51,N52/04;N2,N3/05	13242	17	23/04	14062	17	21/05**	14822	31	38/04;14,15/05
12304	43	22,26,28,30/04	13244	39	52/04	14065	11	12/05**	14823	30	36/04;15/05
12304	44	40*,48/04	13246	37	35/04;31/05	14066	19	48/04	14824	26	19,49/04
12311	43	37*,42,47,52/04	13251	15	47/04*	14067	11	48/04	14825	24	21/05
12312	53	13*,26/05	13253	18	3/05	14081	21	42/04	14826	27	20,30,35/04
12313	50	41/04*;14/05	13260	39	16,34,43,46/04;7,8,13,26/05	14083	30	38/04	14828	6	27/05*
12314	30	19,22,28,52/04	13263	8	N18*,N26/05	14085	6	15,38/04	14829	6	15*,30,32,35/04
12316	31	38*,47,48,50/04;2/05	13264	103	34/04	14087	58	41/04	14830	31	39*,48/04;13/05
12316	32	23/05*	13267	31	23,35,45/04;3,22/05	14088	10	38/04	14832	34	24,26,38,47/04
12317	32	28*,48,50/04	13270	61	1*,3,15,30/05	14090	2	6/05**	14833	26	18*,19,24,38,47/04
12318	42	31*,36,44,47,48/04;2/05	13272	49	50/04*;30/05	14091	6	41/04	14835	31	13/05
12324	31	15*,19,28,48,50/04	13274	26	27/05*	14110	42	36,41/04	14836	27	47/04
12326	49	31/05	13275	29	1*,3/05	14112	5	41/04	14837	28	24/05*
12327	97	17,20,22,24,27,28,30,31,40,43,46,47,50/04;2,3,7,8,24,30/05	13278	25	23/04;22/05	14115	2	29/04**	14838	4	24/05*
12331	30	22,33,40,46,47/04;3/05	13279	31	44/04*;22/05	14123	14	42/04	14839	36	33,40/04;15/05
12332	21	22,40,46,47/04;3/05	13281	17	17,23/04;22/05	14128	6	45/04	14841	28	30/04;1,13/05
12333	33	17,24,28,46/04;8,24/05	13283	19	16/05*	14132	2	45/04	14842	14	4*,11/05
12334	67	25*,28,30,31,43/04;24,30/05	13285	30	22*,43/04	14134	2	41/04	14843	23	18/04*
12335	40	47/04;8/05	13287	12	47/04*;8/05	14135	2	38,41/04	14844	32	18*,26/04;13/05
12337	22	22,46/04;2/05	13288	41	48/04*;2/05	14136	2	41/04	14845	27	26/04
12338	9	19/04	13290	35	20,23,29,40,43,44/04;22/05	14143		N15,N41/04	14846	12	16*,33,46,48/04
12339	44	23/04	13292	37	44/04*	14145	2	15/04	14847	31	15*,20/05
12342	23	14/05*	13293	34	7*,8,22/05	14168		N41/04	14848	57	45*,48/04
12346	11	47/04*	13296	25	42/04	14174		N38,N39,N41/04	14850	52	24,43/04;9/05
12347	29	24,26,28,30,52/04	13298	10	42/04	14184		N38/04	14852	45	15,21,24,26,36,43/04;6,9,15/05
12348	33	26,50,52/04	13301	20	2/05	14189	2	15,39/04	14853	15	39*,44,48/04;6,9,15/05
12350	58	17*,33,43/04;27,30/05	13302	21	43,44,46/04;2,3,13/05	14191		N41/04	14854	13	15,38,44/04
12352	30	26,35,45/04;8,27,30/05	13303	12	46/04;13/05	14195		N15/04	14860	35	26,30/04;5,6,7/05
12353	18	26,45/04	13305	28	42,43,44,46,47/04;11/05	14196		N15,N38/04	14862	28	26,30,41/04;15/05
12354	41	26*,30,50/04;5,7,8/05	13307	10	42,47/04	14197		N15/04	14863	30	5,7/05
12358	19	8,23/05	13308	12	22*,43/04	14198		N36/04	14864	26	41/04;21/05
12363	39	30,31,49/04;11/05	13309	28	15,44/04;2,3,22/05	14207	33	36/04	14865	16	26,44/04;15/05
12364	35	4*,7,11,12/05	13312	21	34,35/04;8,13/05	14209		N15,N41/04	14867	26	25/04;5,13/05
12365	26	49/04;12/05	13313	20	42/04*;8,13/05	14211		N41/04	14880	31	15*,48/04;6,15/05
12366	27	31/04	13316	22	8/05	14212		N15/04	14881	32	51/04*;4,15/05
12367	23	30/04;11/05	13318	18	36/04;3,8/05	14213		N36/04	14882	34	6,15/05
12368	26	30/04;11/05	13323	8	47/04*	14214		N36/04	14883	43	15*,19/04
12369	25	28,37,38/04	13324	14	34,35/04	14215		N36/04	14884	39	13*,15,20/05
12370	19	14/05*	13325	15	44/04*	14216		N15,N36/04	14886	11	4/05
12371	23	19,25,28/04;7/05	13326	13	25*,42/04	14217		N37,N41/04	14901	14	26,41/04
12372	33	4*,5,7,22/05	13392	2	46,48/04	14219		N19/04	14902	29	9*,20/05
12373	14	17/04	13394	3	36,46,48/04	14220		N36/04	14903	23	41,49/04;13/05
12374	13	5/05	13396	4	36,48/04	14249		N36/04	14904	26	26/04
12375	21	30/04	13398	3	40,46/04	14251		N36/04	14905	30	18/05
			14000		N23/04*	14252		N39/04	14906	24	16*,20/05
						14253		N9/05**	14907	25	49/04;21/05
						14254		N41/04	14908	18	22*,46/04;4,13/05
						14319		N19/04*	14909	19	48/04;13,15/05
						14327	8	42,48/04	14910	23	24,41/04;13/05
						14328	6	42/04	14911	20	41/04;13/05
						14340	25	15,37,39,47/04	14912	17	13/05

**CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/04 THROUGH NM 31/05**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14913	18	15,20/04;21/05	16465	2	41/04*	17360	33	39,42/04	18406	5	P19,27/05
14915	25	4,21/05	16467	2	40/04*	17363	13	41/04;23/05	18409	8	42/04
14916	10	19,26/04;8/05	16474	8	18/04*	17365	12	23/05	18412	10	35/04
14917	24	24/05*	16477	7	18/04*	17372	11	31,42,52/04	18415	8	22/04
14918	27	22*,24,26/04;8,21/05	16480	11	7/05*	17375	21	25/04*;19/05	18416	6	17,31,33,42,50/04;P19,27/05
14919	28	51/04*	16486	7	24/04*	17376	7	44/04*	18418	6	31,33/04
14922	19	32/04;21/05	16487	6	20/04*	17377	1	16/04	18421	46	17,22,27,35,42,46,48,50,51/04;P19,21,24,27,29,31/05
14924	27	39,50/04	16501	7	16/04*	17378	14	17/04*	18423	34	17,22,27,28,31,35,42,46,48,50,51,52/04;18,P19,21,24,27,29,31/05
14925	23	33/04*	16511	7	17*,28/04	17379	1	16/04	18424	26	48/04*;18/05
14926	10	20,24/04;18,20/05	16515	7	38/04*	17381	10	16/04	18427	22	18*,48/04;24,31/05
14927	24	15,18/05	16516	7	24/04*	17382	15	16,28,43/04;19/05	18429	9	27,48,51/04;29/05
14928	22	27/05*	16517	6	16/04*	17383	2	31/04*	18430	8	17,27,48/04;29/05
14929	24	18/05	16518	6	51/04*	17384	8	15*,43/04	18431	6	22/04;P19,27/05
14930	25	15*,32,41,47,49/04	16520	22	25*,41/04;15/05	17385	15	15/05*	18432	5	22/04;P19,27/05
14931	24	19/05	16521	6	51/04*	17386	3	16,18,39,42/04	18433	5	17,22,42,50/04;P19,P24,27/05
14932	23	19,32/04;1,19/05	16522	6	16/04*	17387	13	16/04	18434	5	17,35,50/04;P19,21,27,29/05
14933	24	30,32,40/04;19/05	16528	16	41/04;1/05	17400	16	16,32,39,42/04	18440	27	21,22,28,30,35,39,41,42,50,51,52/04;4,8,11,14,18,21,22,24,29/05
14934	27	46,49/04;19/05	16529	15	24/04*	17401	11	18/04*	18441	43	17,22,28,31,35,39,41,42,51/04;4,5,14,18,22,23,29/05
14935	21	19/05	16531	7	41/04	17402	10	16,39,42/04	18443	16	16*,31/04
14937	24	19/05	16532	6	41/04	17403	13	16/04;24/05	18444	16	50*,52/04
14938	23	46/04;19/05	16535	12	43/04;15/05	17404	12	16/04	18445	30	21,22,28,30,35,39,41,42,46,50,52/04;4,5,8,11,14,18,21,22,23,24,29/05
14939	23	15/05	16540	12	22*,23,25/05	17405	14	16,18,26/04	18446	16	22,28,39,41/04;4,5,14,18,22,25/05
14942	26	24/05*	16547	9	18/04*	17406	7	17*,26/04	18447	27	28/04*;2,5,8,15/05
14961	12	26/04	16549	15	32,42/04;13/05	17407	15	49/04	18448	33	17,21,22,28,30,35,41,42,50,52/04;4,8,11,18,21,22,24,29/05
14962	20	16/04*;15/05	16551	9	2*,13/05	17408	8	34/04*	18449	18	22,46/04;11,18,22,23/05
14963	20	48/04	16553	4	22*,40/04;15,23/05	17409	10	16/04	18450	18	18*,22/04;18,23/05
14964	21	18/04*;19/05	16561	2	26/05*	17413	2	32/04	18452	16	11,22/05
14965	21	15/05	16570	10	32/04*	17420	26	30,47/04;23/05	18453	24	22,35,41,52/04;5,11,24,29/05
14966	27	29/05*	16575	2	18*,23/05	17422	8	29/04;8/05	18454	4	N28,N42/04;N4,N21/05
14967	22	26/04	16580	13	9*,13/05	17423	13	15,20,23/05	18456	20	22*,24,31/05
14968	28	48/04*	16591	9	16/04*	17424	7	22/04*	18457	9	19/05
14969	22	27/05*	16592	10	14/05*	17426	14	44/04*	18458	15	29/05
14970	26	45/04*	16593	11	13/05	17428	8	6*,15/05	18459	5	N29/05
14971	21	19/05	16594	13	13,23,24/05	17429	2	N29/04;N8,N23/05	18460	11	17,30,31,35/04;8/05
14972	26	32/04*;18/05	16595	15	6*,13,23/05	17430	11	27/05*	18461	23	18/05
14973	27	46/04	16596	12	23/05	17431	11	21*,49/04	18465	36	18*,27,28,31,33,35,42,48,50,51/04;P19,22,27,29/05
14974	24	19/05	16597	9	24/05*	17432	7	23/04*	18468	17	19,29/05
14975	34	15*,20/05	16598	10	1*,13/05	17433	11	46/04*	18471	9	28,42/04;18,22,29/05
14976	18	2/05*	16599	7	48/04*	17434	12	33*,44,47/04;15/05	18473	7	22,28,35,39,41,42/04;4,5,14,18,22,29/05
14982	9	16/04*	16604	11	52/04	17436	6	19/04	18474	8	22,30,35,41,42,52/04;4,8,11,18,22,23/05
14989	10	24/05*	16605	9	44*,52/04	17437	9	2/05*	18476	5	18*,39,50/04;2,4,21,29/05
14992	11	32/04*	16608	4	52/04	17438	12	22,30/04	18477	5	22,28,35,39,42/04;4,29/05
14993	12	16/04*	16640	24	17,48/04;20/05	17441	7	22,30/04	18480	29	30,31,35,50/04;8/05
14994	11	21/04*	16645	18	48/04;20/05	17443	12	36/04	18484	11	18*,30,31/04
15444		N19/04*	16646	12	25/04;20/05	17445	2	22,30/04	18485	15	17,30,31,35/04;8/05
15500		N22/05*	16647	3	48/04	17460	N19/04*		18500	29	22*,35,50,51/04;2,4,8,19,29/05
15540		N21/05*	16648	5	28/05*	17483	N8/05*		18502	85	33*,37,45,51,52/04;4,8,12,18,22,29/05
15563		N20/04*	16660	29	17*,43,49/04;7/05	17484	3	31/04	18504	65	21,27,37/04;5/05
15881		N21/05*	16661	6	17,48/04	17497	N8/05*		18520	25	14*,19,21,29/05
16006	33	15,21,27,28,31,44/04;13,15,28/05	16662	7	9/05*	17513	N8/05**		18521	71	3*,5,8,12,18,23,28,29,31/05
16011	36	44/04*;1,13,15,28/05	16663	7	17*,42,43,44,49,52/04;7,24/05	17515	7	33/04	18523	55	50*,52/04;2,5,12,18,28/05
16012	22	22*,26,28/05	16665	8	15*,42,44,49,52/04;7,24/05	17517	8	30/04	18524	34	30*,31,37,42,45,48,52/04;2,4,5,12,18,21,22,28/05
16013	29	32,48,52/04;13/05	16680	10	15,47/04;13/05	17518	7	17,42/04;P19,27/05	18525	34	25*,31,42,45,48/04;2,5,12,18,22,28,31/05
16046	7	1/05*	16681	10	13/05	17519	13	P19,27/05	18526	57	14*,22,28,31/05
16081	7	51/04*	16682	16	17*,47/04	17523	N19/04*		18527	21	8/05
16082	7	25/04*	16683	10	17/04*;13/05	17526	N19/04*		18528	10	8/05
16084	7	37/04*	16700	29	41*,49/04	17528	N19/04*		18529	10	19/05
16085	6	15/04*	16701	20	50/04*	17548	28	30/04			
16086	7	18/04*	16702	12	2/05*	17550	4	31,35/04;8/05			
16088	5	51/04*	16705	19	49/04	18000	8	21,22,42/04;1,7,17/05			
16103	5	1/05*	16707	11	50/04*	18002	6	N21,N22,N34,N42/04;N19/05			
16104	5	37/04*	16708	26	1/05*	18003	19	22,30,35,50,51/04;2,8,18,19,29/05			
16121	5	1/05*	16709	23	27/05*	18005	4	N21,N31,N33/04;N1,N9,N17/05			
16122	5	51/04*	16710	10	16/04*	18006	3	N21,N34/04			
16123	6	48/04*	16711	10	16/04*	18007	31	16,22,24,27,33,35,50,51/04;2,3,8,17,18,19,29/05			
16200	14	1/05*	16760	10	42/04	18008	7	N16,N22,N24,N27,N33,N35,N50,N51/04;N3,N8,N17,N18/05			
16204	6	22/04*	16761	16	42/04	18009	2	N31,N33/04;N1,N9,N17/05			
16206	7	50/04	17003	4	42,50/04;8/05	18010	20	16,24,27,31,33,36,37/04;3,7,9,17,18/05			
16220	5	15/04	17005	10	30,31,35,42/04;8/05	18020	37	19,21,22,24,25,26,29,31,33,34,36,42/04;1,3,7,9,15,17,19/05			
16240	10	15/04*	17300	30	19/05	18022	34	19,21,22,23,24,25,26,28,29,31,33,34,36,37/04;1,3,7,9,15,17/05			
16300	9	25*,32/04	17302	18	32,43,52/04	18034	1	N8/05			
16304	2	14*,23/05	17303	10	24*,32,43/04	18400	45	14*,18,P19,21,22,27,29/05			
16305	10	25/04*	17315	23	47/04						
16322	8	22*,42/04	17316	20	25,47/04						
16338	4	17*,28/04	17317	20	18*,52/04						
16343	8	38/04*	17320	16	39,42,43/04;1,19,26/05						
16363	12	52/04;1/05	17321	9	3/05*						
16380	14	32/04*	17323	11	2*,26/05						
16381	8	1/05	17324	14	13/05*						
16434	6	29/04*	17325	8	38/04*						
16435	6	24/04*	17326	13	43/04						
16440	14	44/04*;27/05	17327	21	26,43,49,52/04						
16441	8	15*,23/05	17335	7	1/05*						
16446	8	30/04*	17336	8	17,28/04						
16450	2	34*,44/04;27/05	17337	9	7/05*						
16462	6	32/04*	17338	13	31,47,52/04;1/05						

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/04 THROUGH NM 31/05

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
18531	21	15*,19,20,22,31,41,45,48/04;2,5,12,22,28/05	18760	6	N19,N21,N22,N24,N25,N26,N29,N34,N42,N47/04;N1,N7,N11,N17,N19,N26,N31/05	22052	7	24/04*	23153	8	7/05
18532	20	22/05				22053	4	N20/04**	23159	2	25/04
18533	12	48/04*				22054	1	20/04*	24004	36	33/04
18535	12	50/04*	18761	2	N16,N28,N34/04;N1/05	22082	4	20/04	24028	6	28,44,51/04;22/05
18536	11	19/05	18762	15	16,28,34,45/04;1/05	22084	4	15/04	24050	11	10,11/05
18537	11	19/05	18763	10	18*,23,28,34/04;1/05	22090	2	33/04	24051	1	4*,10/05
18539	9	21/04*;19/05	18765	16	10*,17,21,26,30/05	22102	19	25,50/04	24052	16	39/04*;9,10,11/05
18543	2	15/04*;19/05	18766	7	19,22,26/04;17,26/05	22103	2	25,50/04	24053	16	9/05
18546	10	19/04*	18767	4	N19,N22,N26/04;N26/05	22109	3	50/04	24055	6	26/04
18551	8	18/04*	18768	4	N19,N22,N26/04;N26/05	22111	4	33/04	24057	5	43/04*;11/05
18553	7	24/04*	18769	2	N34,N45/04;N1,N7/05	22112	3	25,33/04	24058	2	33/04
18556	25	17/04*	18772	47	23,36/04;17,30/05	22113	8	25,33/04	24091	6	22/04
18558	37	5/05	18773	39	23,31,34,43,47,52/04;1,17,19/05	22120	3	32/04;4/05	24092	14	22/04
18561	12	22/04;12,18/05	18774	10	19,23,25,26,31,36,41/04	22121	9	18/04;4/05	24110	3	8/05
18580	21	17/04;12,18/05	18775	2	N16,N34/04;N1,N7/05	22124	2	4/05	24130	14	33/04
18581	17	38,42,46/04;5,12/05	19002	9	N16,N22,N23,N24,N26,N29,N36,N41,N47/04;N1,N12,N13,N16,N26/05	22125	1	32/04	24133	6	36,37/04;26/05
18583	39	27/05*	19004	37	18*,23,24,26,36,41,47/04;1,12,13,16/05	22126	1	4/05	24140	18	22/04
18584	47	27,37,42/04;5,14,22/05	19007	17	21*,23,26,36,41,43,47/04;1,12,16/05	22130	2	32/04	24141	4	37/04;26/05
18587	69	30*,38,42,43,48,51/04;4,5,12,18,22,24,30,31/05	19008	4	16,19,23,26,36,41,43,47/04;1,12,16/05	22138	3	15/05	24154	12	33/04
18588	37	22,26,31,38,47/04;5/05	19009	4	16,19,23,26,36,41,43,47/04;1,12,16/05	22140	2	32/04;4,15/05	24160	21	15,22,33/04
18589	15	22,41/04	19010	18	18*,19,22,23,24,26,36,41,47/04;1,12,16/05	22142	2	32,41/04;4,15/05	24161	11	26,33,36/04;18/05
18600	14	16/04;17/05	19011	18	18*,19,22,23,24,26,36,41,47/04;1,12,16/05	22143	4	25/04	24162	9	26,36,37,40/04;18/05
18602	12	41,50/04;12,31/05	19013	17	18*,22,23,24,26,36,41,43/04;1,12,16/05	22160	2	41/04;4,26/05	24170	14	22/04;23/05
18603	16	16/04	19016	10	19,43/04	22170	3	25,33,40,41,48/04;4,13,28,29/05	24171	19	16,22,26,33/04;23/05
18620	23	24,27/04	19320	16	22,41,47/04;13/05	22172	8	41/04;15,25,28/05	24172	4	22/04
18622	53	30*,43/04	19339	1	N23,N24,N26,N36/04;N1,N13,N16/05	22173	36	17,21,33,40,41/04;4,25,28/05	24180	15	36/04
18626	15	32,46/04	19340	26	23,24,26,36/04;1,13,16/05	22181	17	17,40,41/04;2,13,28/05	24190	15	35/04
18640	24	33/04	19341	10	15*,19/04	22182	7	25/05	24200	14	35/04
18643	17	19,33/04;10/05	19347	17	23/04	22183	4	21,48/04	24201	5	35/04
18645	24	33,36,37/04;3,7/05	19348	8	15/04*	22190	2	25/05	24202	6	21/04
18649	64	18*,20,22,28,29/05	19351	9	23/04	22251	11	50/04	24211	7	36/04
18650	53	2*,7,10,17,20,22,28,29/05	19357	22	47/04;12,16/05	22252	18	21/04	24215	1	29/04
18651	43	4*,17,28/05	19362	12	12/05	22259	4	36/04	24220	14	29/04
18652	33	24*,28,29,30/05	19367	37	30/04	22263	1	2,7/05	24221	16	29/04
18653	9	16,20,25,33,46/04;17/05	19379	1	N16,N22,N29/04;N1,N12,N15/05	22264	2	36/04;2/05	24223	33	33/04
18654	43	22*,33,45,48,49/04;1,17,20/05	19380	15	16,22/04;1,12,15/05	22266	15	21,50/04	24224	1	15/04*
18655	58	33,38,45,49/04;20/05	19381	8	16,22,29/04;12,15/05	22293	15	16,21/04	24233	15	22,33/04
18656	54	6*,10,20,30/05	19383	17	23/04	22294	15	27/04	24240	5	44/04
18657	18	26,38/04;20,30/05	19385	8	16/04	22305	2	27/04	24250	5	22,44/04
18658	30	17*,26,38/04;10/05	19386	10	15/05	22311	19	16/05	24270	3	2/05
18659	15	48*,50/04	19387	9	N23,N43/04;N12/05	22331	2	N27/04;N8/05	24271	14	52/04
18660	2	21,26,29,40,47,50/04;19,20,22/05	19388	2	N43/04	22335	4	27/04;2/05	24292	4	22/04
18661	28	10*,19,20,22,28/05	19480	7	35/04	22341	9	27/04;2,7/05	24293	6	33/04;19/05
18662	21	27/05*	21005	5	15/04	22342	9	3/05	24294	23	48/04*;19/05
18663	5	17,47/04	21021	3	10/05	22343	1	N27,N49/04;N2,N7,N31/05	24370	1	44/04
18664	12	24/05	21140	1	19,22/04;10,17/05	22344	6	N5/05**	24375	2	44/04
18665	11	50*,51/04	21160	1	15/04	22346	1	5/05*	24381	14	28,51/04
18666	1	38/04	21180	1	15/04	22347	6	N3/05	24388	2	8/05
18667	12	24/05	21301	13	7/05	22351	1	N27,N49/04;N2/05	24390	3	28,51/04
18680	30	19,31,33,36,37/04;3,7,9,17,19/05	21401	20	37/04	22352	6	27,49/04;31/05	24400	9	34*,50/04;6/05
18682	14	37/04	21441	27	15,31/04	22360	2	27/04;8/05	24405	10	6/05
18685	32	17,19,22,33,36/04;3,31/05	21521	14	23/05	22361	2	N27/04	24423	2	49/04
18686	13	34/04	21524	3	22/05	22371	5	27/04	24430	5	24,34,49,50/04
18700	22	21,34/04;1,7,20/05	21525	20	5/05*	22373	1	N27/04	24434	4	34,49,50/04
18703	25	1,7,20/05	21526	4	5/05*	22401	4	N10/05	24435	5	34,50/04
18704	13	30*,47,49/04;10,20/05	21529	2	8*,23/05	22405	6	5/05	24444	2	23,51/04
18720	32	14*,17,19,21/05	21542	3	8/05*	22406	1	N10/05	24450	3	30,48,50,51/04;8/05
18721	11	21,34,46,47/04;15,17/05	21544	20	24/04	22409	4	N36/04	24453	5	48,50/04
18723	3	34/04	21546	3	24/04	22410	32	47/04	24454	5	48,50/04
18724	1	15,23,32/04;7,17,21,28/05	21563	3	38/04;26/05	22418	2	47/04;12,31/05	24460	4	30,45,49/04;17/05
18725	27	19,21,23,24,25,32,36,38,40/04;7,17,21,28/05	21582	3	16/04	22420	2	10/05	24461	4	30/04
18727	12	42/04*	21601	4	18/05	22421	4	N47/04	24465	6	21/05
18728	9	2/05*	21602	1	18,37/04;17/05	22425	2	47/04	24470	4	34/04;8/05
18730	1	N29/04	21603	9	19/05	22427	1	N47/04	24480	1	21/04
18740	41	27*,31/05	22004	38	32/04;4/05	22429	1	N47/04;N12,N31/05	24481	7	34/04
18741	18	N19,N22,N25,N26,N31,N34/04;N1,N7,N17,N26/05	22008	35	25,32,33,40/04;4,15,26,28/05	22430	6	22,47/04	24483	2	8/05
18744	31	29*,32/04;1,7,17/05	22012	31	25/04	22433	3	22/04	24491	3	32/04
18746	36	21*,31/05	22032	20	31/05	22437	2	22/04	24492	20	32/04
18749	39	6*,7,17,28,30/05	22036	28	21,22/04;10/05	22461	1	21/04	24502	6	41/04;7,8/05
18751	43	6*,7,10,17,30/05	22040	1	47/04;18/05	22471	31	22,27/04;10/05	24504	7	21/04
18754	17	23,34,50,52/04	22050	4	16/05	22481	35	4/05	24508	3	24/04
18755	10	17/05	22051	19	39/04*	22482	16	47/04	24509	2	21,30/04
18757	11	48/04*				22521	3	33/04	24510	2	21,24,30/04
18758	6	23,41/04				22523	3	33/04	24512	3	24/04
						23000	5	10/05	24513	18	24/04
						23010	4	24/04	24517	2	7/05
						23071	3	24,29/04	25001	7	47,50,51/04;8/05
						23121	7	19/04	25017	5	15,47/04;11,12/05
						23123	3	19/04	25018	9	11,12,17,18/05
						23124	3	N19/04	25400	2	20/04*;6/05
						23125	4	19/04	25481	25	26/04
						23131	7	30/04	25482	16	43,44/04
						23150	10	7/05	25483	20	33,46/04
						23151	3	7/05	25485	45	30/04
						23152	3	7/05	25487	2	30/04

## SECTION I

NM 31/05

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/04 THROUGH NM 31/05

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
25524	43	23,49,50/04;7,10/05	28197	4	16,30/04	35350	2	23/04;19/05	37039		N36*,N38,N42,N44/04;N2,N4,N13/05
25525	17	23,49,50/04;7,10/05	28220	2	12/05	35363	1	19/05	37040		N9/05*
25526	2	23,49/04;7/05	28221	18	16/04	35365	1	23/04;19/05	37041	15	25/05**
25527	31	48/04;7/05	28260	30	16/04	35380	8	19/05	37042	5	25/05**
25563	50	48/04	28263	3	16/04	35400	11	18/04	37043	5	25/05**
25567	16	48/04	28300	1	16/04;23/05	35420	13	18/04;19/05	37044	16	25/05**
25575	4	15,18,44/04	29002	9	2/05	35424	3	18/04	37045	11	25/05**
25600	47	52/04	29040	3	45/04	36005	2	23,26,27,31/04;7,10,18/05	37047	6	25/05**
25601	34	37,50/04	29104	4	45/04				37050	9	26,31,32,44,48/04;3,7,10,19/05
25607	4	31/04	29105	5	45/04	36010	27	5/05			N37*,N42,N45/04
25608	22	33/04*	29106	5	34/04	36015	2	26/04;10/05	37051		N36*,N42,N44/04;N2,N13/05
25609	5	52/04;12/05	29107	2	21/04	36021		N23/05*	37052		N13/05
25613	3	20*,25/04	29122	5	34/04	36032		N39/04*;N11/05			N43/04*;N2/05
25640	41	22/04*;11,12/05	29124	1	21,34/04	36033		N9/05*	37053		N37/04*;N6/05
25641	27	15*,52/04	29127	4	21,34/04	36034		N9/05*	37054		N17/05*
25645	17	15/04	35000	26	42,51/04;2/05	36035		N39/04*;N11,N13,N19/05	37055		N37*,N38/04;N1,N13/05
25647	10	16,52/04;15/05	35001		N28*,N37/04;N2,N13,N16/05	36036		N9/05*	37056		N38/04*;N2,N13/05
25649	19	12/05				36037		N49*,N52/04;N23/05	37057		N38/04*;N2,N4,N13,N23/05
25650	34	25/04*;8,11,12/05	35002		N19*,N37,N42,N43,N44,N46/04;N23/05	36038		N52/04*	37058		N10/05*
25653	13	21,29/04;8,11,12/05				36039		N52/04*	37059		N10/05*
25654	13	21,29/04;8/05	35003		N19*,N37/04	36040	16	19/05	37060	3	25/05**
25655	12	41/04*;8,12/05	35004		N19*,N37/04;N23/05	36041		N1/05*	37061	15	24/05**
25661	12	40/04*	35005		N23*,N30,N37,N42,N44,N46/04;N2,N4,N13,N23/05	36042		N1*,N13,N23/05	37062		N38*,N42,N52/04;N2/05
25663	27	29/04;11,12/05				36043		N14/05*	37064	8	27/05**
25664	15	29/04;8,11,12/05				36044		N17*,N23/05	37065	7	14/05**
25666	17	11,12/05	35006		N24*,N42,N43/04	36045		N17/05*	37066		N6*,N23/05
25667	20	12/05	35008	21	23,51/04;1,2,6/05	36046		N17/05*	37067		N10/05*
25668	19	34/04*	35009	19	28/04**	36047		N17/05*	37080	3	23,26,27,31,32,33,37,44,45/04;3,7,10,11,13,16,19/05
25670	42	41/04;8,13,14/05	35010		N28/04*;N27/05	36048		N19/05*			32,33,47/04;10/05
25671	18	21/04;11/05	35011	2	31/04	36049		N27/05*	37081	23	32,33,47/04;10/05
25673	15	36/04	35013		N49*,N52/04;N26/05	36050		N25/05*	37082	9	31/05**
25679	10	15,31/04	35014		N23*,N41/04;N13/05	36051		N27/05*	37083	8	25/05**
25681	16	15,32/04	35016	17	31/04;14/05	36052		N23/05*	37086	8	31/05**
25683	18	36/04	35025		N23*,N42/04;N1,N13/05	36060	17	17/04;5,14/05	37090	8	23,26,27,29,32,37/04;13,16,19/05
25841	9	48/04	35027		N24*,N42/04	36103	9	16,21/05	37095	3	27,29,38,44,45,48/04;3,6,8,13,19/05
26060	1	18/05	35028		N28*,N42/04;N11/05	36104	6	16/05			26,44,48/04;4,6/05
26070	2	18/05	35031	3	14/05	36106	7	16/05	37101	9	18/05
26081	8	16/04	35034		N17/05*	36115	9	16/05	37103	9	26,44,48/04;4,6/05
26083	14	19/04	35035		N8*,N23/05	36116	1	23/05**	37104	3	44/04;7/05
26122	30	30/04	35036	21	19/05	36120	9	17/04	37106	4	26,44/04;8,13/05
26147	31	19/04	35037		N31/04*;N23/05	36123	25	3/05	37110	11	26,32,38,44,48/04;4,6,7,8,11,13,18,19/05
26181	20	12/05	35038		N32/04*;N1,N23/05	36127	5	16/05	37111	1	27/04;11/05
26184	4	12/05	35039		N32/04*;N1/05	36137	4	39/04**	37112	1	7,11/05
26186	17	12,18/05	35040	18	24/04**	36138	3	39/04**	37115	2	26,32,44,48/04;4,6,7,8,11,13,18/05
26188	11	15,44/04	35041	8	23/04**	36139	4	39/04**	37120	2	20,24,25,26,27,31,32,38,39,44,48,52/04;2,4,5,6,7,8,13,19/05
26194	5	47/04*	35042	9	24/04**	36140	12	39/04**	37121	11	26,27,32,33,39,43,44,48/04;4,6,7,8,19,21/05
26210	2	48/04	35043	5	28/04**	36141	7	41/04**	37122	12	19/05**
26224	32	35/04	35044	9	36/04**	36142	6	49/04**	37123	9	27/04;3,5,6,10,13/05
26229	11	32,35,47/04	35045		N23/05*	36143	4	52/04**	37124	2	31/05**
26230	12	32,35,47/04	35046		N32*,N37/04;N23/05	36161	10	52/04**	37125	15	27,32,33,39,43,44,48/04;3,4,5,6,7,8,10,13,19,21/05
26237	3	43/04	35047	5	31/04**	36162	10	1/05**			26,32,33,39,43,44,48/04;3,5,6,10,13/05
26244	3	40/04	35048		N32/04*;N11/05	36163	13	1/05**	37126	8	38,39,43,44/04;8,21/05
26245	16	31/05	35049		N33/04*	36164	7	14/05**	37127	11	27/04;10,13/05
26247	19	43/04	35050		N28*,N37/04	36165	6	17/05**	37129	6	20,26,27,31,32,38/04;3,5,7,8,10,19/05
26250	18	40/04;31/05	35051		N33*,N37/04;N26/05	36167	2	17/05**			28/04**
26259	2	40,43/04	35052		N33/04*;N1,N13/05	36173	1	19/05**	37133	4	28/04**
26320	5	19/04	35053		N33/04*	36180	23	27/05**	37134	5	34/04**
27005	4	19/04;26/05	35054		N6/05*	36181	18	27/05**	37136	6	34/04**
27040	5	40/04	35055		N23*,N42,N44/04;N1,N13,N23/05	36182	6	23/05**	37137	6	34/04**
27041	4	40/04				37000	22	51/04;2,13/05	37138	5	34/04**
27042	21	40/04	35060	14	28/04**	37001		N25/05*	37139	8	36/04**
27044	27	40/04	35080	16	23/04**	37002		N25/05*	37140	33	24,25,26,27,32,39,44,48,52/04;4,5,7,8,19/05
27061	5	28/04	35081	15	28/04**	37004		N25/05*	37141	29	9/05**
27080	4	47,49/04	35082	7	31/04**	37005	16	1,4/05	37145	23	37/04**
27081	6	19/04;31/05	35083	8	32/04**	37006		N25/05*	37147	15	36/04**
27082	6	19/04;31/05	35084	15	32/04**	37008		N25/05*	37148	13	43/04**
27083	39	24/04	35085	3	32/04**	37010	23	15,32,39,49,52/04;1,7,14,20,31/05	37149	10	37/04**
27120	4	16,30/04;18,19/05	35086	5	32/04**				37150	8	37/04**
27122	5	19/04	35087	3	33/04**	37011		N24/05*	37161	14	37/04**
27183	8	29/05	35088	2	28/04**	37013		N27/05*	37162	12	29,39,49/04;2,14,20/05
27186	8	14,29/05	35099	3	33/04**	37014		N14/05*	37163	19	22,25,31/04;1,14/05
27206	18	25/04	35100	14	23/04**	37018		N31/05*	37164	4	22,24,39/04;14/05
28004	1	27/04;23/05	35101	6	33/04**	37019		N25/05*	37165	2	15,39,49/04;1,2,4,10,14,16,17,20,23,31/05
28006	1	27/04	35103	5	33/04**	37021		N31/05*	37166	2	21,25,39,49/04;1,7,14,20/05
28049	13	30/05	35120	13	23/04**	37025	26	15,26,43,49/04;5,6/05	37170	11	38/04**
28051	2	30/05	35130	3	24/04;16/05	37028		N19/05*			
28125	2	12/05	35135	1	16/05	37029		N31/05			
28151	2	12/05	35136	2	24/04	37030		N28*,N37,N41/04			
28153	1	25/05*	35143	7	16/05	37031		N34/04*			
28161	4	21/05	35180	6	17/05	37032	2	15/04;5,21/05			
28165	20	20/04*	35200	7	28/04**	37033	2	15,17,43,49/04			
28167	4	16,33/04	35205	3	31/04	37034	2	15,P18,22/04			
28168	22	16,33/04	35210	3	31,46/04	37035		N19/05*			
28170	1	38/04	35299	9	43/04;14,16/05	37036		N34*,N37,N41,N45/04;N2,N4/05			
28171	1	21/05	35300	17	14/05						
28190	2	16,30/04	35301	6	14/05	37037		N34/04*			
28196	4	16,30/04	35308	5	14/05	37038		N34*,N37/04			

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/04 THROUGH NM 31/05

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
37175	2	38/04**	38501	2	32/04;31/05	43164	3	20,21,22,30,38,46,48/04	44041	7	20,26,27,28,41,44,47/04;4,9,22/05
37180	20	38/04**	38520	5	20,31/05	43165	2	21,22,23,38/04;11/05	44042	7	15,20,22,25,26,27,28,37,41,42,44,47/04;4,9,12,16,19,22/05
37182	14	38/04**	38522		N14/05*	43166	2	23,49/04;11/05	44043	8	16,26,27,28,41,44,47/04;4,9,22/05
37183	9	6/05**	38527		N13/05*	43167	5	20,21,46/04;2,11/05	44044	6	16,24,25,27/04
37184	8	10/05**	38528		N13*,N27/05	43168	2	11/05	44045	6	16,41/04;10,15,20,27/05
37200	15	15,23/04;1,2,4,10,17,22,31/05	38540	4	34/04;31/05	43180	5	22,38,45,46,48,49/04;4/05	44046	10	19,27,29,47/04;2,11,13,15,16,20,25,26/05
37205	2	15/04;6,10,16,17,21/05	38541	4	31/05	43181	3	41,45/04	44047	22	16,29,30,50/04;2,11,13,16,17,20,21,23,25,27/05
37221	13	16,18,19,49/04;10,14,16,23,25/05	38542	3	N31/05	43182	4	22,30,41,45,49/04	44048	11	16,21/04;10,16,20,22,25,27/05
37222	13	16,32/04;14,16,23,25/05	38545		N24/05*	43184	2	4,20/05	44049	9	18,26,29,30,33,50/04;2,7,11,13,17,20,21,25/05
37223	14	16,21,24,39,49/04;2,14,16,20/05	38546	2	32/04	43186	1	20/05	44050	21	28,30/04;6,20,21,23,25,26,27/05
37224	11	16/04;1,2,14/05	38560	5	32/04;16/05	43200	3	22,52/04	44051	1	25,26,33/04;6,7,18,20/05
37226	17	32/04;16/05	38561		N14/05**	43201	2	N21,N22,N52/04;N6/05	44053	1	4/05
37228	14	44/04;23/05	38565		N13/05*	43202	3	22/04	44057	5	52/04
37229	15	7,14,22/05	38579		N14/05*	43203	3	22,52/04	44061	8	17,52/04;2,14,17,21/05
37231	18	19,21/04;2,23,31/05	38580	8	34/04;14/05	43203	3	22,52/04	44062	8	17,52/04;2,14,17,21/05
37232	12	2,10/05	38581	3	34/04	43204	4	51/04	44063	8	52/04;6,7,21/05
37234	13	15,31/05	38584	2	34/04	43206	3	45/04	44064	19	15,27,47,52/04;11,13,14,17,20,26,27/05
37238	6	25,30/04;1,20/05	38585	4	34/04	43223	4	52/04	44065	7	19/04;7/05
37241	17	29,49/04;2,14,20/05	38588	7	30,34/04;14,20,21/05	43224	3	49/04	44067	22	15,21,29,52/04;6,7,11,17,20,21/05
37242	10	1,14,25/05	38589		N13/05*	43240	4	47/04	44068	11	27,32,47,50/04;11,14/05
37243	7	24/04	38591		N10/05*	43243	4	47,51/04	44069	16	15,21,29,30,32,44/04;16,20,21/05
37244	11	20,24,25,29,31,49/04;2,14,19,20/05	38610	1	38,45/04	43244	4	47/04	44070	7	21,47/04
37246	14	22,24,25,29,31,38/04;1,2,4,14,20/05	38641	4	50/04	43245	4	47/04	44071	4	21/04
37248	18	20,22,25,29,31,38,39/04;2,4,7,14,19,20/05	38650	1	50/04	43246	5	47/04	44073	2	23/05
37258	4	27,32,33,45/04;3,7,8,19/05	38690	2	50/04	43248	3	25,28,38,47,50,52/04;5/05	44076	3	26/04;16/05
37261	10	27,32,33,38,45,48/04;4,7,8,13,19/05	42004	1	N16/04	43249	2	47,50/04;5/05	44081	9	15,16,23,32,47,50/04;8,16,22/05
37262	20	27,32,33,45/04;7,19/05	42036	2	48/04	43252	1	25,28,38,47,50,52/04	44082	11	17,21,47/04;10/05
37264	3	33,37,44,45/04;7/05	42038	2	16/04	43261	5	25,26,27,28,52/04;4/05	44083	8	33/04;8,10,14/05
37265	3	3,8,13/05	42040	3	16/04	43262	5	24,25,26,27,52/04;4,5/05	44084	1	30/04;14/05
37266	3	45/04;3,11/05	42046	3	16,46/04	43263	7	21,23,26,51/04;1,3,4,5/05	44100	7	15,16,17,23,27,30,32,37,40,44,47,50/04;2,8,10,11,13,16,20,21,22,25,27/05
37281	15	29,33,37,45/04;7/05	42052	2	16,46,48/04	43264	2	24,25,26,27,52/04;4,5/05	44105	2	20,24,30/04
37320	16	21,26,27,31,32,48,51/04;3,6,7,10,19/05	42160	3	42/04	43265	2	23,51/04;1,5/05	44120	7	17,20,23,27,37,40,46,47/04;5,10,14,16,23/05
37325	8	38,48/04;3,7,10,13,19/05	42301	3	15/04	43281	6	21,23,49,51/04;1,3,4,8/05	44140	8	20,22,25,37,40,43/04;5,31/05
37326	2	48/04;10,19/05	42580	5	44/04	43283	6	20/04;4/05	44160	7	19,22,23,25,29,37,40,41,43/04;26,27/05
37328	2	26,33,37,39,48/04;4,6,7,10,11,19/05	42620	5	44/04	43284	4	20,21/04	44161	2	16,20,21,22,27,28,37,38,40,41,47/04;6,26,27/05
37330	2	27,31,32,33,44,45,48/04;3,4,7,8,10,13,19/05	42740	5	44/04	43287	2	49/04;4/05	44182	5	22,25,30,40,46/04;11,23/05
37343	10	5/05	42742	3	47/04	43300	5	23,38,47/04	44183	6	15,28,40,43/04;23/05
37360	15	51/04;6,10,19/05	42762	3	N20/04	43301	4	23,30/04	44184	9	21,24,27,40,42,43,46,52/04;1,18,26/05
37362	6	5,8/05	43000	4	16,51/04;3/05	43302	4	15,38,47,48,51/04	44185	7	18,40,43/04;1/05
37363	8	5,8/05	43015	12	42,47,51/04;13/05	43303	4	21,38/04;1,6,8/05	44186	2	16,21,23,24,40,42,46/04;18,26/05
37380	2	19,21,23,39/04	43030	24	15,16,17,19,20,23,28,29,30,37,47,50/04;4,6,10,11,13,14,15,16,20,21,22/05	43304	2	15,47/04	44187	2	22,33,40,43,46/04
37400	10	19,21,23,39/04	43040	6	16/04;2/05	43320	5	15,17,20,21/04;16/05	44192	1	15,24,28,30,33,40,41/04;1,12,22/05
37401	9	24/05	43041	2	16/04	43321	6	15,16,17,21,23,38,49/04;1,8/05	44193	1	15,25,27,32,42,46/04;12,22/05
37402	7	30/04;24/05	43058	3	16,37/04	43322	5	38/04	44200	9	20,21,25,33,47/04;11/05
37403	23	37/04;6,24/05	43059	3	16,37/04;1/05	43323	4	15,17,21,23,38,46,49/04;16/05	44203	1	15,22,29,42/04;10,11/05
37420	1	37/04	43060	4	16,37/04;1/05	43324	4	15,21,46,48/04;2,16/05	44204	2	20,22,23,27,43,44,47/04
37441	4	37/04	43062	2	16/04	43340	13	15,22/04;21/05	44206	1	22,30/04
37443	2	37/04	43063	2	16/04	43341	7	22,38,45,48,52/04;2,8,16/05	44207	1	21,22,23,30/04;18/05
37445	1	28/04;21/05	43064	2	16/04	43342	7	38,51/04;8,11/05	44220	5	20,23/04;6,25/05
37446	2	28/04;21/05	43079	2	21,30/04;1,4,12/05	43360	21	16,17,20,26,28,30,37,50/04;13,14,20,31/05	44221	1	37/04
37461	9	15,25,26,33,35,37,44,49/04	43080	4	16,20,22,37,41,43,45/04;1,4/05	43363	5	17,47/04;8,31/05	44223	1	15,23/04;6/05
37463	6	18/05	43081	4	16,37,47/04	43365	5	47/04	44224	1	19/04;18,22/05
37481	7	17,20,21,25,36,39,40,41,43,49/04;12,22,24/05	43082	5	20,21,30,37,41,43,47/04;1,4,12/05	43366	4	47/04			
37501	3	32/04	43083	4	16,20,22,23,37,41,43,45,46,47/04;1,4/05	43368	5	17,45/04			
37505	2	15,41/04	43084	3	16,23,41,43,46/04;1/05	43369	6	17,24,26,49/04;12/05			
37506	4	26,32,52/04;21,26/05	43100	4	22,29,41,45,46/04;4/05	43370	7	23,24,49/04;8/05			
38032	6	34/04;14,20,23/05	43101	3	29,41,43,45,46/04;1,4/05	43371	13	23,24,52/04;4,8,12/05			
38040	5	34/04	43102	4	29,41,45/04;1/05	43372	4	41,49/04;4/05			
38041	1	34/04	43103	4	29,52/04;1/05	43373	8	23,24,25,26,49,52/04			
38044		N34/04	43104	4	29/04;1,4/05	43374	1	17,49,50,52/04;4,6,8,12/05			
38100	4	33/04	43105	4	52/04	43375	7	20,21,22,23,37/04			
38105		N12/05*	43106	6	49,52/04	43377	2	1/05			
38106		N16/05*	43120	4	48,52/04;2,3/05	43379	1	24/04			
38200	2	33/04	43123	3	48,52/04;2,3,4,11/05	43384	1	21,22,23,29,30,42,49/04;14,17/05			
38266	1	33/04	43124	5	2,3,4,11/05	43385	1	19,21,22,33,42/04;4/05			
38441		N14/05*	43125	7	49/04	43386	2	24/04			
38460	7	32/04;14/05	43126	4	20,25,41,46,47,48,51,52/04;2,4,11/05	43386	16	19,42,47/04;10,13/05			
38461		N12/05*	43127	5	52/04;2/05	44001	2	18,19,36,38,46,52/04;17,31/05			
38463		N12/05*	43140	4	25,30,41,45,46,47,48,51,52/04;2,6,10,25/05	44015	8	18,19,20,22,27,36,37,40,42,46,52/04;5,14,31/05			
38464		N16/05*	43141	5	8,10,11,12/05	44030	7	20/04;5,6,22,25/05			
38480	6	32/04	43143	4	3/05	44036	5	16,28,30/04;13,14,20/05			
38482		N32,N33/04	43144	4	20,21,22,25,30,38,46,48/04;4,6/05	44037	5	27/04;13,14/05			
38483		N13/05*	43145	4	20,25,30,38,46,49,52/04;6/05	44038	5	18/04;10,14,17/05			
38500	6	32/04	43146	2	12/05	44040	23	16,19,28,29,30,41,47,50/04;1,2,10,11,13,14,15,16,20,25,26,27/05			
			43150	2	N20,N21,N22,N30,N48/04						
			43160	6	20,21,22,30,46,48/04						

## SECTION I

NM 31/05

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/04 THROUGH NM 31/05

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
44240	8	20,37,38,42,43,47/04;18,22/05	51181	10	28/04	53065	2	4,8/05	54337	3	21,31/04
44243	2	17,22,24,26,31/04	51201	3	23/05	53066	2	4/05	54339	8	31,32/04
44260	7	16,17,32,42,47/04;5/05	51223	2	24/04	53081	9	40*,42/04	54343	10	31,32,33,34/04
44280	9	32,38,47/04;5,18/05	51260	4	43/04;28,31/05	53082	14	37/04*	54344	6	34/04
44281	2	19,37,38,42,49/04;5/05	51261	23	30,32/04;2,19/05	53083	8	21,30/04	54346	9	20*,31,32,33,34,35,36/04
44282	1	20/04;18/05	51263	23	32/04;19,31/05	53084	6	30/04	54347	4	45/04
44283	2	37,42/04	51320	3	40/04;4/05	53086	8	31,45/04;3,6/05	54359	2	21/04
44284	2	31,32/04;1,14/05	51321	1	14/05*	53087	9	45/04;6/05	54360	12	15,17/05
44285	1	21/04;18/05	51341	23	15,37,43,50/04;30/05	53088	8	48/04*	54361	10	21/04
44286	1	18/05	51343	3	21,43/04;31/05	53090	1	8/05	54363	3	46/04;15,17/05
44310	5	19,29,33/04;8/05	51344	2	26,33,46/04;9,28/05	53093	3	10/05*	54368	4	46/04
44313	1	19,20,22,23,26,33,38,40,47,49/04;7,11,13,18/05	51380	5	21,29,30,40,51/04	53100	16	31,49/04;3,9/05	54369	4	17/05
44319	2	19,38,46/04;10,17/05	51460	4	22/04	53101	7	43,46/04;7/05	54372	2	46/04
44320	4	19,20,21,41,48/04;2,31/05	51500	6	41/04	53105	20	15/05	54380	6	17,24/04;17,28/05
44321	6	19,20,21,22,23,26,31,38,40,41,42,48/04	51559	3	23/04	53106	6	36/04;15/05	54382	9	15,28,38,41/04;17,28/05
44340	11	18,19,21,23,26,38,40,41,46,47,48,49,52/04;1,2,7,10,13,17,18,23/05	51600	12	23,49/04;20/05	53107	16	49/04	54387	7	38/04;17,28/05
44341	7	18,19,20,26,28,29,31,37,40,41,43,47/04;1,7,10,11,18,19/05	51601	8	49/04;31/05	53110	1	36,49/04	54389	8	24/04
44342	8	18,22,27,31,42,43,45/04;1,18/05	51620	10	20/05	53120	14	36,39,47,49,51/04;9,27/05	54400	8	19,24,25,30,41/04;8/05
44352	2	24,31,45,47,49/04;1,13,17,23/05	51621	9	20,24/04;20/05	53122	3	7,8/05	54403	4	19,30/04
44360	9	24,30,31,36,37,38,47,48/04;2,7,13/05	51641	4	50/04	53123	3	7/05	54407	4	24,25,30,41/04
44361	6	15,17,20,40,46/04	52031	1	20,25,27,30,40,41,42,46/04;2,8,10,11/05	53125	2	47/04;4/05	54408	4	25,41/04
44365	1	15,40,42,47/04	52039	4	36,46/04;2,11/05	53130	1	36,49/04;27/05	54409	2	34/04
44366	1	30,42/04	52040	17	20,27,28,30,46/04;10,11/05	53133	4	8/05	54418	4	24,25,30,41,49/04
44367	2	20,23,26,31,36,41,47/04;7,19,21/05	52043	21	26,36,50/04;13,16/05	53141	5	45/04	54421	6	20,32,33,39/04;29/05
44400	4	16,18,19,24,25,31,36,38,40,43,44,45,46,48/04;2,18,23,31/05	52045	6	16/05	53147	3	36,39/04	54426	1	20,33/04
44401	7	21/04;4/05	52046	21	19/04;6/05	53160	14	35,39,45/04	54440	4	34,37/04
44410	4	16,18,22,28,29,31,36,37,38,40,52/04;31/05	52047	11	20,28,45/04	53161	8	35/04	54441	6	22,30/04
44420	6	22,23,24,25,26,27,29,36,37/04;26,31/05	52048	3	30,46,47/04	53164	9	35/04	54462	5	40/04
44430	2	22,27,30,37,40,42,43,46,52/04;13,22/05	52051	1	16,27/04;21/05	53180	10	35,44,46,49/04;28/05	54463	5	27,37/04
44444	6	20,21,26,40,47,48/04;13,18,22,23,31/05	52052	1	16/04;21/05	53182	4	9/05	54464	5	15/04
44461	10	22,30,43/04;10,31/05	52054	1	39/04	53183	13	9/05	54480	8	22,29,30,35,49/04;1,8/05
44462	4	15/05	52055	1	39/04	53200	6	51/04;30/05	54481	9	23/05*
44463	9	22/04	52060	16	27,31,34,35,39,40,42/04	53201	6	9,15/05	55001	4	21,36,37,39,42,48/04;28/05
44465	2	22,43/04;10/05	52061	2	30,41/04	53203	11	44,46,51/04;4/05	55040	4	17,19,22,25,32/04;5,8,9,17/05
44481	2	17/04	52062	2	30,41/04	53204	10	44/04;4,27/05	55041	7	15/04;17/05
51002	7	49,50/04	52063	7	31/04;18/05	53205	3	28,46,51/04;4/05	55042	1	19,32/04;9/05
51007	22	34,48/04;23/05	52066	3	39/04;13/05	53212	3	6/05*	55044	5	25/04;17/05
51013	4	19,30,34,46/04;8/05	52080	14	20,21,25,30,38,41/04;11,17,18/05	53220	6	36,51/04;15/05	55046	4	17,18,19,23,25,49/04;5,16/05
51017	31	21,29,30,40,43/04;4/05	52082	3	21,29,30,38/04	53223	5	15/05	55047	8	15,18,23,25/04
51022	11	21,29,30,40,43/04	52083	2	39/04;19/05	53266	4	49/04	55048	12	15,23,25/04;8,10,28/05
51061	14	34,49/04;7/05	52084	2	41/04	53269	5	49/04	55049	6	45,46/04;8/05
51062	28	34/04;7/05	52085	3	34,42/04;11,19/05	53284	4	49/04;25/05	55067	7	17,21,36,46,52/04;8,22/05
51081	10	19,20,29,50,52/04;19/05	52086	2	41/04;17,19/05	53285	4	49/04;25/05	55062	5	21/04
51082	7	19,29/04;19/05	52088	3	20,21/04	53287	6	36,49/04;25,27/05	55064	3	25,39,50/04;1,10/05
51100	7	P18,19,22,23,30,40/04;10,13,25/05	52092	1	39/04	53301	4	21/04;27/05	55082	9	20/04
51103	10	17,23,26,34,37,39/04	52120	12	19,26,32,33,42,45,51/04;11,19,31/05	53322	3	27/05	55084	7	28,42,44,46/04
51104	1	17,23,34,37,39/04	52121	8	42,52/04;19/05	54041	7	25/05	55085	9	17,20,30,42/04
51109	5	19,20/05	52122	15	22/05*	54043	2	10/05	55089	8	21,36,39,40,42,47,50,51/04;28/05
51120	6	22,24/05	52125	1	22,33,39,45,47,50/04;16,18,22/05	54063	5	25/05	55100	8	21,36,39,40,42,47,50,51/04;28/05
51135	1	25,27/04	52140	6	25,42/04;22,25/05	54065	11	25/05	55101	5	18/05*
51142	2	29,48,49/04;9,10,14,P21,23,25,27/05	52141	5	25,39/04;1,13,26/05	54085	2	2/05	55102	4	20/05*
51143	4	29/04;10,14,25/05	52142	3	20,52/04	54090	3	27,42,45/04;25,30/05	55103	2	15,28,30,40,42,44,46,47/04
51144	3	4,25/05	52143	8	21/05	54095	3	52/04;2,26/05	55104	2	28,40,42,44,46/04
51145	2	41,48/04;23/05	52144	5	29,42/04;22,25,28/05	54105	3	36,52/04	55105	7	37,40,48/04;2/05
51146	3	41,46/04;11/05	52160	7	37,43/04	54115	3	36,P44,45,48,52/04;10,11,24,30,31/05	55110	2	15,21,25,28,31,39,50/04;8,9/05
51150	1	28,48,49/04;14,19,20,P21,23,25,27/05	52162	2	43/04	54120	5	36,P44,48/04	55120	2	17,21,28,36,40,47,51/04;1,28/05
51154	3	29/04;5/05	52170	3	33/04;11,15/05	54125	3	P44,45,46,48/04;2,10,11,24,27,30,31/05	55127	2	40,44/04
51155	1	29/04;6,20,P21,23,27/05	52172	2	33/04	54140	7	P44,45,48/04;10,24,30,31/05	55128	2	20,30,40,42,46/04
51158	2	33/04	52180	14	33,34,36,50/04	54151	1	24,41/04	55129	7	20,28,30/04
51160	20	28,34,38,43,46,48,50/04;2,8,P21,23,27/05	52183	9	34/04	54161	12	27,44,48/04	55130	2	17,28,40,42/04;1/05
51163	4	19/04	52184	3	34,38/04	54168	1	P44,48/04;2,10/05	55131	1	15,17,44,46/04
51164	18	27,28/04;8/05	52186	3	33/04	54169	3	P44,48,50/04;2,10/05	55138	4	15/04
51165	8	27/04;8/05	52200	8	34,49/04	54180	6	P44,45,48/04;11,28/05	55139	5	15/04
51167	6	27/04;8/05	52202	7	34/04;22/05	54195	2	48/04;26/05	55140	2	17,20,28,40,47/04;2/05
51168	2	28,43/04;8/05	52223	4	43/04;22/05	54200	4	48,52/04;26/05	55150	2	31,37/04
			52240	9	20,33,34,40/04	54201	6	48,52/04	55160	2	37,41,48/04
			52243	11	20,34,40,42/04;22/05	54206	5	49/04	55161	1	23/04
			52262	6	40/04	54222	2	46/04	55170	2	15,24/04
			52263	5	35,40/04	54223	2	30/05	55180	2	20,40,42,44/04;2/05
			52282	10	35/04	54224	2	49/04	55190	2	15,30,40,44/04
			53011	2	35,36,46,49,50,51/04	54225	2	27,45/04;30/05	55200	2	17,20,30,40,42/04;2/05
			53031	1	39,49/04	54226	2	49/04	56011	1	51/04;15,29/05
			53058	2	15/05	54266	2	27,45/04;30/05	56031	1	29,41/04
			53060	14	22,26,32,39,42,51/04;4,30/05	54279	4	8/05	56043	6	49/04;28/05
			53061	10	15,17,21,43,52/04;15,30/05	54280	10	8/05	56045	1	28/05*
			53062	13	15,17,19,21,22,26,33/04;30/05	54287	7	8/05	56060	9	18,28,40,44,49/04
			53063	9	21,52/04;15,23/05	54289	8	24/05	56064	6	18,26,44/04
			53064	6							

CHARTS AFFECTED BY NOTICE TO MARINERS  
 NM 15/04 THROUGH NM 31/05

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
56082	16	39/04	62313	4	27/05	63054	3	34,39/04;27/05	74002	2	7,27/05
56083	2	39/04	62314	3	28/05	63055	2	39,51/04	74003	5	5,16/05
56100	14	16,23,28,29/05	62330	2	39/04	63060	7	40/04;14,27,29,30/05	74004	2	5,17,21,27/05
56101	7	6/05*	62340	3	46/04;24/05	63062	7	14/05	74005	2	15/04;17,19,25/05
56102	24	5/05*	62342	2	27/05	63070	3	23/04	74006	2	1/05
56103	7	5/05*	62343	3	28/05	63090	8	14/05	74008	6	15,21/04;19,25/05
56104	3	39/04;29/05	62344	2	27/05	63101	15	16/04;14/05	74009	10	21/04;19,25/05
56120	13	3*,27/05	62350	3	24/05	63102	19	16/04;14/05	74012	10	22/04;19/05
56141	6	27/05	62355	6	39/04	63103	17	16/04	74015	10	22/04
56195	3	24/05	62360	5	37,40,44,P44,48/04;	63111	9	16/04;14/05	74021	7	4,8/05
56220	4	29/05			20/05	63172	4	42/04	74024	7	4/05
57006	5	28/04;26/05	62361	2	N37,N40,N44,NP44,	63231	8	44/04	74027	9	4,7/05
57014	11	37/04;20/05			N48/04;N20/05	63233	15	44/04;25/05	74151	9	19,37/04
57035	10	23/04;1/05	62362	1	28/05	63250	6	16/04;14/05	74152	11	19/04;5/05
57060	7	24/04	62366	4	19/05	63260	5	14/05	74153	2	19,37/04;5/05
57063	5	49/04	62392	7	P44,48/04	63320	8	16/04	74162	4	16/05
57080	8	24,50/04	62400	17	18,24,25,28,29/05	63321	6	16/04	74171	4	16/05
57081	3	50/04	62401	9	5/05	63330	9	26/05	74172	5	16/05
57082	3	50/04	62402	10	22/05	63331	9	30/04	74181	8	51/04;5,16/05
57101	18	28,45/04	62403	5	29/05	63337	15	26/05	74182	12	17,51/04
57102	2	49/04	62405	8	25,28/05	63400	1	3,9/05	74183	11	51/04
57103	2	24,50/04;20/05	62406	2	25,26,28/05	71005	1	3,9,11/05	74184	10	46/04;5/05
57120	13	50/04	62408	7	22/05	71006	5	3,9/05	74186	7	29/05
57140	10	24,28/04;26/05	62409	6	22/05	71009	3	36/04	74190	7	5/05
57141	14	28,43/04;8/05	62411	1	17/04	71018	10	25/04	74192	3	5/05
57142	6	28,44/04	62412	12	28/05	71027	9	34,36,42/04	74200	8	5,27/05
57143	6	51/04	62413	12	4/05	71033	31	36/04	74204	5	27/05
57160	10	28,45/04;25/05	62416	14	20/05	71036	8	25/04	74206	3	32*,36/04
57161	4	23/04;1,8/05	62417	1	19/05	71045	2	36/04;3,9/05	74210	7	7/05
57162	7	1,25/05	62429	9	29/05	71050	2	36/04	74220	8	15,25/04
57165	1	28/04	62432	17	20,P21,27/05	71066	2	31/04*	74229	2	21,24/04
57170	1	20,28/04	62433	13	40/04*	71081	4	32*,47/04	74230	7	15,25/04;21/05
57180	6	51/04	62434	10	28/05*	71091	4	36/04	74231	7	24,25,51/04;7/05
57181	6	51/04	62437	11	23/05*	71140	6	36/04	74240	8	25/04;21/05
57182	11	51/04	62440	8	5,20,22,29/05	71180	29	25/05	74251	8	15/04;4,21/05
57200	6	37/04	62444	2	29/05	71185	24	25/05	74252	9	1,4/05
57201	5	26,45/04	62446	3	28/05	71186	2	25/05	74253	6	15/04;5,17/05
57240	8	28/04;1,18,20/05	62448	2	P44,48/04	71210	18	36/04	74261	9	21/04;27/05
57243	2	18/05	62449	4	22/05	71211	4	36/04	74265	2	15,35/04;5,17,27/05
57260	3	28,37/04	62451	7	P44,48/04	71220	3	35/04	74270	3	15,21,35,38,42/04
57381	12	27,37/04	62453	4	4,28/05	71230	11	39/04	74271	9	21,35,38,42/04
57420	3	23/04	62455	7	40,44/04	71239	3	48/04	74272	7	15,21,35,38,42/04
57471	3	48/04	62457	6	20/05	71241	10	15,25,39/04;22/05	74273	5	15,35,45/04
57480	8	1/05	62460	4	36/04;26,29/05	71247	18	15,48/04;6/05	74281	7	17/04
57486	6	28/04	62462	2	28/05*	71248	2	N34/04;N11/05	74285	2	46/04
57487	6	22/04	62463	2	28/05*	71251	11	34/04;6/05	74286	2	24/05
57488	6	22,27/04	62464	2	18/05	71253	10	6/05	74289	5	19,25,29/05
61000	20	20,27/04;1/05	62480	2	36,43,P44,48,50/04;20,	71257	2	15,25,26,45,48/04;6,	74290	11	15,18,44,46,48/04;14,
61040	6	20/04;1/05			22,25/05			22/05			25/05
61050	4	27/04;1/05	62490	2	15,18,23,31,35,36,40,43,	71258	2	15,25,45,48/04;6,22/05	74292	8	44,48/04;1,14/05
61051	7	27/04			P44,48,50/04;8,P21,22,	71259	3	15,24,34,38,48/04;11/05	74293	7	18,44,46,48/04
61071	9	45/04			27/05	71261	8	48/04	74294	3	44,48/04
61080	4	1/05	62498	4	11,18,25,28/05	71265	3	15,25,34,36,38/04;6,11,	74295	3	44,48/04;1,14/05
61100	4	37/04	62499	4	11,18/05			22,27/05	74296	4	15,37/04;25/05
61111	12	45/04	62510	3	36,P44,48/04;25,28,	71271	11	14/05*	74350	4	21/04;25/05
61141	6	37/04			29/05	71272	11	8/05*	74376	5	46/04;25/05
61142	6	37/04	62512	3	N36,NP44,N48/04;N25,	71273	3	8/05*	74393	9	36,38,51/04;9,19/05
61150	4	45/04			N28,N29/05	71275	3	48/04	74394	2	36,38/04;9,19/05
61191	8	18,20/05	62515	2	26/04	71285	3	11/05	74410	3	19/05
61204	5	22/04	62520	6	36,50/04;5,22,24/05	71295	2	11/05	74420	3	19/05
61211	7	38/04	62521	4	N36,N50/04;N5,N22,	71305	2	31/04	74430	2	19/05
61212	2	38,48/04;12/05			N24/05	71330	13	30/05	74440	3	22/04
61270	4	25/05	62530	6	17,35,43/04	71331	11	45/04;17/05	74465	2	4/05
62024	13	39/04;4/05	62531	4	N17,N43/04	71333	2	30/05	74492	7	46/04
62028	15	39,44/04	62540	6	15,18,23,26,31,35,40,	71335	2	45/04;17/05	74493	3	37/04
62032	16	36,43,P44,48,50/04;P21,			P44,48/04;8,20,P21,22,	71440	2	6,11,27/05	74494	2	46/04;9/05
		27/05			23,27/05	71450	1	27/05	74510	2	40/04;4/05
62033	3	N36,N43,NP44,N48,	62541	3	N15,N18,N23,N26,N31,	71460	1	36/04	74515	4	40/04;4,8/05
		N50/04;NP21,N27/05			N35,N40,NP44,N48/04;	72000	8	25/04	74517	3	40/04;8/05
62070	4	26/04			N8,N20,NP21,N22,N23,	72070	4	25/04	74545	3	4,7/05
62092	7	27/04			N27/05	72094	2	25/04	74550	4	4,7/05
62094	1	N18/05*	62550	3	17,36,50/04;22,28/05	72103	2	25/04	74553	3	46/04
62098	7	20/05	62560	4	17,27,P44,48/04	72107	2	32/04	74560	10	15/04;4,7,27/05
62100	7	1*,27/05	62570	4	15,18,23,26,31,35,40,44,	72204	1	26/04	74584	5	19/05
62110	10	1*,27/05			46,48/04;8,20,P21,22,23,	72231	8	35/04	74590	2	46/04
62120	6	26/04			27/05	73000	9	35,36/04	74591	7	46/04;27/05
62144	3	29/05	62572	2	3*,20,P21,27/05	73004	4	26,27/04	75001	3	24/05
62188	4	37/04*	62580	3	26,P44,48/04;20,P21,	73008	8	36/04	75010	7	45/04
62191	15	27/04			27/05	73012	6	36/04	75025	9	42/04;5,17,30/05
62193	17	39/04	62590	2	15,18,23,26,31,35,40,	73014	10	35,36/04	75051	6	36/04;24,27/05
62194	8	24,39,46/04;4,29/05			46/04;4,8,23/05	73020	9	21/04	75052	2	36/04
62195	7	4/05	62591	3	N15,N18,N23,N26,N31,	73022	4	35/04	75130	16	22,37,40,45,51/04;17,
62220	9	26/04			N35,N40,N46/04;N4,N8,	73130	8	31/04			25/05
62225	3	26/04			N23/05	73470	4	35/04	75131	7	45/04;18,24/05
62285	2	29/05	63000	13	23,40/04;14/05	73552	4	18,46/04	75132	11	21,45/04;27/05
62295	3	27/05	63050	2	40/04;27,29,30/05	73581	4	40/04	75134	3	22,37/04;25/05
62310	2	4/05	63053	4	34,39,40/04;27,30/05	74000	6	37/04;16/05	75142	5	30/05

**CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/04 THROUGH NM 31/05**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
75144	3	45/04	83570	2	34/04;15/05	94187	3	18/04	96012	16	32,34,45/04;8/05
75170	12	5,17/05	83572	1	34/04;15/05	94188	2	8,28/05	96016	7	46/04
75171	22	21/04;1/05	83574	2	35/04	94201	1	28/05	96028	5	20/04
75173	9	1/05	83580	2	23,34/04;15/05	94203	10	8,13,21,22/05	96032	3	20/04
75175	9	7,30/05	83637	4	37,38/04	94206	3	18/04;13,21/05	96036	2	15/04;13/05
75176	9	21/04	91005	6	36/04	94207	5	N13,N21,N22/05	96039	7	15,48/04
75190	2	22/04	91008	1	44,50,52/04;9,26/05	94217	4	11/05	96041	11	20,48/04
75191	6	21/05	91010	6	44,52/04;9,26/05	94218	3	17/04	96042	11	20,26,48/04
75193	6	21/05	91020	5	37/04	94220	4	18/04	96044	10	20/04
75208	2	22,45/04	91170	2	50,52/04;9,28/05	94360	6	16,17,30/04	96060	7	48/04
75213	2	24,30/05	91220	3	30/04	94361	13	25/05	96080	6	25/04
75215	2	24/05	91280	7	37/04	94363	4	15,17,21,30/04	96100	2	25/04
75220	12	42/04;19,30/05	91294	8	31/05	94380	4	N18/04	96120	6	45/04
75222	8	37/04	92006	5	36,42,43/04	94420	3	16/04	96130	2	45/04
75240	4	17,19/05	92020	2	36/04	94440	2	23/04	96181	5	25,46/04
75241	6	17/05	92030	4	30,36/04	95016	8	21,24,25,26,28,29,36/04	96200	5	34,36/04;8/05
75251	5	19/04;5/05	92033	5	36/04	95040	8	27/04	96320	4	46/04
75261	6	19/04;1,5/05	92350	4	30,36/04	95043	2	27/04	96381	2	46/04;19/05
75263	9	46/04	92356	2	30,36/04	95060	13	16,17,19,21,34,38,40/04	96382	2	46/04
76015	1	P44,48/04;4,7,9,12,13, 15,24,26/05	92500	1	36/04	95065	5	34/04	96441	1	20/04
76020	7	11,17,24,29,30/05	93006	2	44,48,50/04;12,21/05	95066	11	17,21,34,38,40/04	96500	6	25/04
76030	9	P44,48/04;15,24/05	93010	6	32,34/04	95067	14	48*,50/04;18/05	96520	7	20/04
76040	8	P44,48/04;24/05	93025	5	9/05	95068	1	34/04	96621	5	44/04
76041	2	P44,48/04;8,22/05	93030	6	42/04	95080	13	16,17,19,20,21,34,38,47, 50/04;14/05	96640	5	15/04
76050	8	P44,48/04;2,6,8,14,17/05	93032	3	9/05	95082	9	19,21/04;12/05	96645	1	15/04
76052	8	2,4,6,14,19,23,27/05	93036	10	43/04;9,12/05	95089	8	12/05	96760	4	17/04;8,11,19,24,27/05
76054	5	21/05	93046	1	42/04	95100	12	17,20,21,35,38,44,47, 50/04;14,16,17/05	96762	4	16/04;8,19,24/05
76056	3	P44,48/04;4,6,9,12,14, 16,17/05	93047	2	42/04	95101	8	17,20/04	96763	7	16,21,26,36/04;10,18, 24/05
76060	7	13/05	93048	1	42/04	95102	8	35/04	96764	3	8,11,28/05
76061	3	13/05	93110	2	34/04	95103	8	34/04;14,17/05	96880	6	46/04
76070	9	37/04;7,9,26/05	93117	2	43/04;4/05	95108	8	34/04;14,17/05	96901	3	2,8,11,23,25,28/05
76071	9	42/04;18,26/05	93160	4	34/04	95120	7	44/04;5,16,17,20/05	96904	3	44/04;28/05
76080	8	7,12,14,15,23/05	93240	11	32,34/04	95138	8	21/04	96906	2	23,25/05
76081	7	37/04;3,7,14,15,31/05	93241	9	32/04;2/05	95140	15	16,17,19,20,21,24,34,35, 39/04;6/05	96910	1	46/04
76110	5	31/05	93244	7	2/05	95141	8	20/04	96937	2	36/04
76120	6	23/05	93245	5	45/04*	95143	11	21,34/04	96938	4	34,36/04;8/05
76121	8	4,16,22/05	93248	1	39/04*	95144	9	17/04	96939	3	8/05
76141	8	4,6,9,16/05	93260	8	32/04	95146	15	4/05*	96941	8	16,32,36/04;19/05
76142	1	4/05	93261	5	32/04	95147	13	20,21/04;6/05	96943	15	19,23,26,36,47,48,50/04; 8,11,17,19,22/05
76146	1	21/05	93610	3	9/05	95149	9	16,20,34,39,49/04;6/05	96944	6	17,45/04;19/05
76150	6	4,8/05	93620	4	26/04	95151	17	16,19,20,34/04	96945	3	16,19,34,36/04;8,11, 19/05
76151	7	12,20/05	93626	9	26/04	95152	5	20,34/04	96947	15	23,25,27,39/04
76160	4	42/04;4,10/05	93650	2	9/05	95153	2	19,44/04	96948	8	30,39,47/04;22/05
76161	10	29,42/04;4,10,30/05	93680	3	18/04;9/05	95160	13	16,17,19,20,24,28,38/04; 11,13,14,15/05	96949	21	24/05
76162	1	10,13,17/05	93688	3	N18/04	95161	16	20/04	96960	3	16,32,34,36/04
76170	7	42/04;21/05	93710	3	21/05	95162	2	20,34,37/04	96961	4	17/05
76171	10	3,21/05	93720	10	43/04;8/05	95163	2	14,15/05	96962	4	23,26,39,46,47,50/04;11, 17,19,24/05
76180	1	7,9,12/05	93721	5	16,22,52/04;5,8,15,21, 22/05	95169	2	34,49/04	97000	3	14,29/05
81001	1	36/04	93725	6	8/05	95171	1	35/04;14/05	97005	9	17,27,32,47/04;8,17, 29/05
81004	4	6*,20,26/05	93730	3	16,17,23/04;8,12,21, 23/05	95172	1	35/04	97015	10	16,17,31,32,41/04;21, 23/05
81023	5	6/05	93733	13	16,23,25,52/04;5,8,17,20, 23/05	95180	11	34,35,37/04;14,15/05	97021	7	16,17,19,20,21,25,28,31, 32,34,41,52/04;14,16,23, 24/05
81025	3	N38/04*;N26/05	93734	12	23,52/04;5,17,20/05	95185	2	37/04	97026	10	23,30,34/04;26/05
81048	9	17,21/04;13,15/05	93736	24	16,22,31,52/04;18,19/05	95230	3	29/04	97029	3	16,32,34,36,40,41/04; 21/05
81059	1	N23*,N26,N31/05	93737	6	15,24,44,49,50,52/04;9, 18,26/05	95243	4	15/04	97040	5	23,24,47,50/04;13,27, 29/05
81060	2	17,21/04;13,15,20,31/05	94004	6	15,24,44,49,50,52/04;9, 18,26/05	95250	4	19,26,31,36,38,42,44, 48/04;7,8,17,19/05	97041	9	39/04;27/05
81063	5	21/05	94016	2	26,30,34,44/04;5,12,21, 26/05	95252	2	31/04;15/05	97042	7	27/04;19/05
81067	7	6*,20/05	94028	7	16,17,19,20,21,28,30,38, 39,44,47,48,50,52/04;5, 14,16,17/05	95258	3	25/05	97060	8	27/04;1,19,23,29/05
81071	7	6/05*	94033	5	16,19,23,38,40/04	95259	3	50/04;3,22/05	97061	4	21/04*;1/05
81076	11	6/05*	94040	13	18,44,50/04	95261	7	21,26,31,36,41/04;2,7,15, 22/05	97062	12	27,32/04;11,19,23,25, 28/05
81782	2	14/05	94042	9	16/04	95262	13	7,10/05	97064	2	44/04;28/05
82010	6	22/04	94046	10	18,44,49,50/04;28/05	95264	8	41/04	97080	6	21*,24/04;9,23,29/05
82015	13	22/04	94061	5	18/04	95266	6	15/04*	97082	5	39/04;19,22/05
82020	7	22/04	94063	4	28/05	95270	16	30,33,39/04;1,9,10/05	97083	3	27,36/04;11/05
82030	8	11,15,17/05	94067	10	44/04	95272	4	21*,47/04;5,28/05	97100	4	16,17,24,31,32/04;25/05
82253	7	15/04	94080	7	15,17,23,24,44,49,50, 52/04;26,28/05	95271	3	30,33,41/04;5/05	97101	2	25/05
82280		N22/04	94082	8	15,23,49/04;26/05	95272	4	30,33,41/04;9/05	97105	3	17,24/04
82304	5	36/04	94083	12	15,24/04;22/05	95273	2	36,41/04;2,15/05	97108	4	17/05
82683	4	11,13,17,29/05	94084	1	22/05	95274	4	15*,25,36,41/04;1,2,15, 28/05	97120	6	31,32,41/04;23,25/05
82684	3	14/05	94120	6	15,23,43/04;18,20,26/05	95276	4	26/04;7/05	97140	17	31,32,34,36,41/04;21, 23/05
82689	3	13/05	94122	7	18,26/05	95280	10	21*,34/04;13/05	97144	12	21*,33,38,51/04;13/05
82694	6	13/05	94123	9	23,24,37/04;18,20,26/05	95281	15	26/05	97145	1	31,32,36,41/04
83010	6	26/05	94124	13	23,24,37/04;18,20,26/05	95282	7	19,40/04	97146	10	39/04
83020	8	16/05	94127	2	18,20,28/05	95285	3	34/04	97148	9	40/04
83021	1	15/05	94160	7	16,17,44/04;9,18,26/05	95300	6	21*,22,26,30,34,42/04; 13,16,22/05	97149	20	33,42,44/04;13,28/05
83026	32	26/05	94164	2	17/04;9/05	95320	15	26,28,38/04;24/05			
83034	1	23/04;15/05	94165	4	18/04;8/05	95341	8	31,38/04;10,11,14,20, 21/05			
83039	11	23/04;15,26/05	94180	9	16,17,18/04;8,12,21, 22/05	95342	16	39/04;12,19/05			
83382	9	15/05	94184	2	N28/05	96000	5	17,20,32,47/04;8/05			
83385	19	23/05				96004	14	16,25,32,48/04			
83476	26	20/05									
83484	10	24/04									
83500	1	23/04;15/05									
83555	4	10/05									
83560	3	6/05									
83567	3	43/04;6/05									

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/04 THROUGH NM 31/05

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
97150	13	15/05	97360	6	30,34,47,48/04;12,13/05
97151	16	38/04;13/05	97380	7	17,23,39,48,52/04;5,13,22,29/05
97152	9	13/05			
97153	8	30/04;18/05	97381	7	47,48,49/04;13/05
97155	14	20/04;15,20/05	97382	2	42/04
97157	2	38/04;1,5,28/05	97383	16	22,25,33,41,48,49/04;15,27,29/05
97159	6	34,36,46/04;7,21/05	97384	4	48/04;29/05
97163	14	46/04	97385	10	22,33,39,40,41/04;14,15,25/05
97164	1	46/04			
97167	2	23/04	97387	2	25,33,39,42/04;15,27/05
97180	6	19,32,34,39/04;2,21,23,28/05	97389	2	3,14/05
97181	20	19,39,51/04;2,11,21,23,28,31/05	97390	5	22,52/04
97182	13	21,26,28,36,39,51/04;2,12,16,17,21,22,23/05	97392	5	33,52/04;15,20/05
97183	9	47,51/04;2,17,23,31/05	97396	14	39,52/04;14,22,29/05
97184	15	41,42/04;31/05	97397	7	43,52/04;29/05
97185	2	50/04	97398	4	27,40/04;11,14,29/05
97187	3	16/04;1/05	97400	4	29/05
97188	3	50/04;12,17,21/05	97409	5	40/04;14/05
97189	2	41,42/04;31/05	97410	9	39/04;10,11,17/05
97190	2	19,31/04;9/05	97420	17	17,23,24,28,38,39/04;11,13,14/05
97200	9	17,23,27,31,40,44,51/04;9,24/05	97421	13	6,21,25,27/05
97202	15	30,33/04;24/05	97423	2	17/04;6,8,21,25/05
97204	9	25/04;1,10,12/05	97425	6	23,28,38,39/04;13,27/05
97206	3	10,27/05	97440	8	30,34,47/04;26/05
97207	3	12/05	97441	5	16/05
97218	3	10,18/05	97443	6	16,27/05
97219	4	27/04;1,10,27/05	97460	7	23,26,34/04;5,18/05
97220	3	18/04;7,13/05	97461	9	26,34/04;18,26/05
97221	20	17,18,24,27,33,50,51/04;1,7,24/05	97465	9	26,51/04;6,18,26/05
97222	12	17,24,27/04;12,24/05	97466	2	51/04;18/05
97223	3	21,42/04	97469	10	30,40/04;6,26/05
97224	6	1,10,24/05	97471	5	N40/04;N6,N26/05
97225	32	21*,27/04;1,7,10,12/05	97474	7	26/04
97226	7	22/04	97480	7	15,23,40/04;18,20,26/05
97227	11	23/05	97481	6	40/04
97228	15	34,47/04;23/05	97483	7	44/04
97229	12	18,30,39/04;7/05	97501	2	21*,23/04
97232	9	23,52/04;2,9/05	97521	6	36,40/04;14,29/05
97233	12	15*,17,49,50,51,52/04;1,3,10,15,22/05	97563	2	17/05
97234	17	22,24,33,51/04;1,22/05	97564	3	14/05
97235	2	24,25/05	800072	2	N29/05*
97236	20	22,34,51/04;15/05	800669	8	N16,N34,N45/04;N1,N7/05
97239	10	49,52/04;3,9,10/05	800744	1	N30,N47/04;N12/05
97241	6	23,27,30,36/04	800778	2	N27/05
97243	8	22,40,49,50,52/04;3,13/05	801217	1	N26,N44/04;N6,N26/05
97244	5	18,22/05	801902	9	N29/04;N12/05
97245	11	47/04;15/05	801926	1	N44/04;N27/05
97246	7	25/04;18/05	802202	8	N40/04
97251	4	7/05	802260	5	N23,N34/04;N1,N7/05
97261	15	22,23,24,27,31,43,46/04;12,14,15,16,20,21,24,27/05	804567	4	N32/04
97262	10	22,31,36,43,50,52/04;14,20/05	805118	3	N24/04;N20/05
97263	10	31,36,50/04	805980	4	N23/04
97266	5	23,27,31,32,43,50/04;14,16,20,24,27,28/05	806927	8	N29/04;N12/05
97267	16	32/04;3,15,21,27,28/05	807370	5	N29/04;N12/05
97268	10	24/04;5,15/05	808528	1	N12/05
97269	11	32/04;3/05	809055	7	N25,N26,N31/04
97270	6	15,28/05	809310	9	N49/04
97271	12	17,24,31/04;8,21,27/05	809679	2	N36/04;N17,N26/05
97272	11	19,31,33/04			
97273	11	33,38/04;12/05			
97274	19	21,38/04;12/05			
97276	2	15/05			
97277	12	21*,24,33,43/04;8,27/05			
97278	12	42/04;1,21,22,29/05			
97280	4	31,44,48/04;5,12/05			
97283	3	13/05			
97285	6	21/04			
97286	6	26,38,43,51/04;10,12,17,20/05			
97287	5	43/04;10,20/05			
97300	6	22,27,31/04;1,17,21/05			
97304	1	22/04			
97320	6	21,22,34,38/04;1,16,21/05			
97340	8	24,34/04;12,16,26/05			
97342	14	24/04;12/05			

## SECTION II

NM 31/05

## NGA/DLIS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition		Price Category	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date		
	REGION 1					
<u>11AHA11537</u> (7642014010164)	Cape Fear River	40,000	<u>36</u>	<u>5/05</u>	NOS	31/05
	REGION 3					
<u>37BHA37018</u> (7642015122631)	<u>UKHO 2035, Western Approaches to the Solent</u> <u>50 36 26N 1 47 13W</u> <u>50 46 34N 1 23 53W</u>	<u>25,000</u>		<u>9/00</u>	<u>UKHO</u>	31/05
<u>37AHA37021</u> (7642015122634)	<u>UKHO 2631, Portsmouth Harbor</u> <u>50 46 56N 1 09 26W</u> <u>50 50 54N 1 05 16W</u> <u>Continuation: Fareham Lake</u> <u>50 50 10N 1 10 47W</u> <u>50 51 01N 1 09 04W</u>	<u>7,500</u>  <u>7,500</u>		<u>9/00</u>	<u>UKHO</u>	31/05
<u>37AHA37029</u> (764015122642)	<u>UKHO 1991, Harbours on the South Coast of England</u>  <u>Plans A: Brighton Marina</u> <u>50 48 28N 0 06 16W</u> <u>50 48 55N 0 05 25W</u> <u>B: Littlehampton Harbour</u> <u>50 47 08N 0 33 26W</u> <u>50 48 51N 0 31 38W</u> <u>C: Rye Harbour</u> <u>50 53 38N 0 43 24E</u> <u>50 57 25N 0 49 22E</u> <u>D: Folkestone Harbour</u> <u>51 04 02N 1 10 23E</u> <u>51 05 17N 1 13 06E</u>	  <u>5,000</u>  <u>6,250</u>  <u>25,000</u>  <u>5,000</u>		<u>6/00</u>	<u>UKHO</u>	31/05
<u>37BHA37082</u> (7642014012468)	Canceled					31/05
<u>37AHA37086</u> (7642014012446)	Canceled					31/05
<u>37AHA37124</u> (7642014014868)	Canceled					31/05
	MISCELLANEOUS CHARTS AND PUBLICATIONS					
<u>CDPUBQTLY</u> (7644015310779)	<u>Digital Nautical Publications - Quarterly Update (2nd Quarter 2005)</u>			<u>2005</u>	<u>DS</u>	31/05
<u>CDPUBSD154</u> (7644014665930)	British Columbia (Enroute)		<u>9</u>	<u>2005</u>		31/05
<u>NOSPBCP8</u> (7642014008451)	No. 8 Dixon Entrance to Cape Spencer		<u>27</u>	<u>2005</u>	NOS	31/05

**SECTION II**  
**NGA/DLIS CATALOG CORRECTIONS**

Price Categories effective 1 October 2004

A	18.75	E	9.50	G	5.00	R	3.00
D	11.25	F	9.50	H	3.00		

CHS Canadian Hydrographic Service  
DS Distribution Limited  
GPO Government Printing Office  
NOS National Ocean Service  
UKHO United Kingdom Hydrographic Office  
DHO Danish Hydrographic Office  
\* Not for sale or reproduction outside U.S.A.

To locate the nearest FAA Sales Agents in your area, go to: <http://naco.faa.gov/agents.asp>

Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.





**SECTION II**

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2005							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*7699	- South Portland Breakwater Light	43 39 20 N 70 14 05 W				White.	Private aid.  31/05
9020	- Lighted Buoy 7 On northeast edge of spit.	42 49 15 N 70 48 47 W	FI G 4s		2	Green.	 * 31/05
9035	- Lighted Buoy 8	42 49 08 N 70 49 17 W	FIR 4s		2	Red.	 * 31/05
9050	- Lighted Buoy 13	42 49 02 N 70 50 20 W	FI G 4s		2	Green.	 * 31/05
9055	- Lighted Buoy 15	42 48 48 N 70 51 07 W	FI G 4s		2	Green.	 * 31/05
16825	- Lighted Buoy 5	41 33 36 N 70 51 42 W	FI G 4s		5	Green.	 * 31/05
*18194	- East Channel Buoy 1					Green can.	Private aid.  31/05
*18194.1	- East Channel Buoy 2					Red nun.	Private aid.  31/05
*18194.2	- East Channel Buoy 3					Green can.	Private aid.  31/05
*18196	- West Channel Buoy 1					Green can.	Private aid.  31/05
*18196.1	- West Channel Buoy 2					Red nun.	Private aid.  31/05
*18196.2	- West Channel Buoy 3					Green can.	Private aid.  31/05
*18196.3	- West Channel Buoy 4					Red nun.	Private aid.  31/05
*18196.4	- West Channel Buoy 5					Green can.	Private aid.  31/05
*18196.5	- West Channel Buoy 6					Red nun.	Private aid.  31/05

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I ATLANTIC COAST, 2005

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*30907	- Buoy 1A					Green can.	31/05
*30912	- Buoy 2A					Red nun.	31/05
30925	- Lighted Buoy 4	40 34 36 N 73 34 57 W	Q R		4	Red.	31/05
		*					

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II ATLANTIC COAST, 2005

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
873	SHARK RIVER NORTH BREAKWATER LIGHT 2	40 11 15 N 74 00 28 W	FIR 4s	33	10	TR on multi-pile structure.	* 31/05

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2005

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
615 9515	Ponce de Leon Inlet Lighted Bell Buoy 2	29 04 46 N 80 53 28 W	FIR 2.5s		4	Red.	* 31/05
		*					
<b>TOLOMATO RIVER TO PALM SHORES (Chart 11485)</b>							
<b>Ponce de Leon Inlet</b>							
9515 615	- Lighted Bell Buoy 2	29 04 46 N 80 53 28 W	FIR 2.5s		4	Red.	* 31/05
		*					
9525	- Lighted Buoy 3		FIG 4s		3	Green.	* 31/05
			*				
9530	- Lighted Buoy 4		FIR 4s		3	Red.	* 31/05
			*				

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2005

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3755	- Entrance Buoy 1	30 22 32 N 86 30 34 W				Green can.	* 31/05
		*					
7514	Deer Island Wreck Daybeacon DI	30 21 46 N 88 52 55 W				NW on pile worded DANGER WRECK.	Ra ref. * 31/05
		*					

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2005							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7605	Daybeacon 21	30 22 55 N 88 49 00 W				SG on pile.	Ra ref.
	*	*	*	*	*	*	31/05
8565	- UPPER REACH OUTBOUND RANGE FRONT LIGHT	30 13 51 N 88 58 54 W	<b>Q W</b>	35		KRW on pile.	Visible 2° each side of range line.
		*					31/05
*8744	- LIGHT 2	30 22 18 N 89 02 40 W	<b>FIR 2.5s</b>	14		TR on pile.	Private aid.
							31/05
*8744.01	- Daybeacon 3					SG on pile.	Private aid.
							31/05
*8744.02	- Daybeacon 4					TR on pile.	Private aid.
							31/05
*8744.03	- Daybeacon 5	30 22 28 N 89 02 41 W				SG on pile.	Private aid.
							31/05
9081	WAVELAND WRECK LIGHT WR1						<i>Remove from list.</i>
							* 31/05
*15156	- Buoy 53					Green can.	
							31/05
24096.05	-Lighted Buoy 112	29 43 49 N 95 01 36 W	<b>FIR 4s</b>		3	Red.	
						*	31/05
*32033	- Daybeacon 1	30 18 43 N 87 34 09 W				SG on pile.	Private aid.
							31/05
*32033.1	- Daybeacon 2					TR on pile.	Private aid.
							31/05
*32033.2	- Daybeacon 3	30 18 41 N 87 34 07 W				SG on pile.	Private aid.
							31/05
*32033.3	- Daybeacon 4					TR on pile.	Private aid.
							31/05
*32033.4	- Daybeacon 5					SG on pile.	Private aid.
							31/05
*32033.5	- Daybeacon 6	30 18 41 N 87 34 04 W				TR on pile.	Private aid.
							31/05

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV GULF OF MEXICO, 2005							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
32891	- Daybeacon 7					SG-SY on pile. *	Ra ref.  31/05
32901	- Daybeacon 9					SG-SY on pile. *	Ra ref.  31/05
32921	- Daybeacon 12					TR-TY on pile. *	Ra ref.  31/05
32926	- Daybeacon 13					SG-SY on pile. *	Ra ref.  31/05
32971	- Daybeacon 11	30 10 47 N 89 22 38 W  *				SG-SY on pile.	Ra ref.  31/05

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2005							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1199	<i>NOAA Data Lighted Buoy 46073</i>	54 56 30 N 172 01 44 W  *	<b>FI (4) Y 20s</b>			Yellow disc-shaped hull.	  31/05
17400	DOFFLEMYER POINT LIGHT	47 08 29 N 122 54 29 W	<b>Iso W 6s</b>	30	8	White pyramidal tower.	  * 31/05
<b>San Juan Channel</b>							
19540	ICEBERG POINT LIGHT 2	48 25 19 N 122 53 39 W	<b>FI R 4s</b>	35	6	TR on white square concrete house.	  * 31/05
19555	CATTLE POINT LIGHT	48 27 02 N 122 57 48 W	<b>FI W 4s</b>	94	7	White octagonal tower.	  * 31/05
21955	ANGLE POINT LIGHT	55 14 19 N 131 25 37 W	<b>FI W 6s</b>	24	6	NR on skeleton tower.	Obscured from 132° to 288°, high intensity beam on bearing of 119°.  * 31/05
22445	MYERS CHUCK LIGHT 4	55 44 32 N 132 15 48 W	<b>FI R 4s</b>	19	5	TR on skeleton tower.	Obscured from 318° to 041° for vessels transiting Myers Chuck Inner Harbor; obscured from 106° to 041° for vessels transiting Clarence Strait. Higher intensity beam on bearing 264°.  * 31/05

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2005

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
24160	PORT FREDERICK LIGHT 3	58 07 57 N 135 27 55 W	FI G 6s	26	4	SG on skeleton tower.	Obscured from 245° to 357°. Higher intensity beam on bearing 042°.  * 31/05
25715	POTATO POINT LIGHT 11	61 03 23 N 146 41 48 W	Oc G 4s	38	5	SG on skeleton tower.	Higher intensity beam on bearing 033° and 230°. Obscured from 040° to 211°.  * 31/05
26465	PROKODA ISLAND LIGHT 2	57 54 38 N 152 30 23 W	FI R 4s	40	4	TR on small house.	Higher intensity beam on bearing 120°. Obscured from 148° to 274°.  * 31/05
26525	KONIUJI ISLAND LIGHT 5	57 55 47 N 152 50 19 W	FI G 2.5s	70	4	SG on skeleton tower.	Higher intensity beam on bearing 296.5°  * 31/05
29600	- Anchorage Area Bravo Tanker Terminal Lighted Buoy A	21 16 12 N 158 05 15 W	Q Y			Yellow.	Three lighted fluorescent orange fuel lines extend 840 feet from the buoy. Private aid.  * 31/05

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2005 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
284 <i>L 5520</i>	Angissorsuaq Island Range, front.	63° 58.1' N 51° 44.0' W	<b>Iso.R.</b> period 2s	52 16	6	Red framework tower; 33.	Visible 204°-210°.
		*				*	31/05
288 <i>L 5520.1</i>	-Rear, 460 meters 207° from front.	63° 58.0' N 51° 44.1' W	<b>Iso.R.</b> period 4s	98 30	6	Red hut; 7.	Visible 204°-210°.
		*				*	31/05

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2005 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
* <i>F 6115</i>	-Breakwater, W. head.	35° 00.6' N 136° 48.1' E	<b>F.Fl.(2)R.</b> period 8s	49 15	F. 5 Fl 9	Red tower; 46.	
							31/05

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1796 <i>D 1484</i>	-La Concha Range, front.	43° 18.9' N 1° 59.5' W	<b>Q.R.</b>	39 12	7	Gray metal post; 16.	Visible 143°-173°.
			*			*	31/05
1800 <i>D 1484.1</i>	-Rear, about 25 meters 158° from front.	43° 18.8' N 1° 59.4' W	<b>Oc.R.</b> period 4s	59 18	7	Gray metal post; 30.	Visible 154°-162°.
			*			*	31/05
19362 <i>E 5781.1</i>	Ardesen, breakwater, head.	41° 12.0' N 40° 59.6' E	<b>Fl.G.</b> period 5s fl. 1s, ec. 4s	26 8	6	Concrete tower; 20.	
				*	*	*	31/05
19362.5 <i>E 5781.2</i>	-Inner breakwater, head.	41° 11.8' N 40° 59.5' E	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	26 8	6	Concrete tower; 20.	
				*	*		31/05
BARTIN LIMANI:							
19588 <i>E 5818.4</i>	-Demirli Burnu.	41° 41.0' N 32° 13.5' E	<b>Fl.(2)W.</b> period 6s fl. 0.8s, ec. 0.8s fl. 0.8s, ec. 3.6s	230 70	10	White concrete tower on concrete base; 33.	
		*				*	31/05
19668 <i>E 5830.4</i>	-W. mole, head.	41° 12.8' N 30° 15.4' E	<b>Fl.R.</b> period 5s fl. 1s, ec. 4s	26 8	5	Concrete tower; 9.	Visible 125°-177°.
			*				31/05

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
19672 <i>E 5830.2</i>	-E. mole, head.	41° 12.8' N 30° 15.7' E	<b>FL.G.</b> period 5s fl. 1s, ec. 4s	26 8	5	Concrete tower; 16.	
			*				31/05
19896 <i>E 4630</i>	Kara Burnu.	38° 39.6' N 26° 21.7' E	<b>Fl.(4)W.</b> period 20s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 12s	318 97	12	White round tower, dwelling; 43.	Visible 045°-225°.
	RACON		N(- -)				
	*		*				31/05
20240 <i>E 4731.4</i>	-Sehir Adalari, Orta Ada.	37° 00.0' N 28° 12.3' E	<b>Fl.W.R.</b> period 10s fl. 0.5s, ec. 9.5s	49 15	9	White metal framework tower; 33.	R. 024°-056°, W.-024°.
			*				* 31/05
20568 <i>E 5847.6</i>	Bucak Roads, Kas Mevkil.	36° 12.3' N 29° 36.6' E	<b>Fl.W.R.G.</b> period 10s fl. 0.5s, ec. 9.5s	45 14	W. 5 R. 4 G. 4	Metal framework pylon; 26.	G. 297°-065°, W.-071°, R.-093°.
			*		*	*	31/05
20596 <i>E 5848.5</i>	Kekova Adasi, E. point.	36° 11.6' N 29° 55.1' E	<b>Fl.W.</b> period 5s fl. 0.5s, ec. 4.5s	115 35	14	Metal framework tower on concrete base; 20.	
				*	*		31/05
*23727 <i>D 2742.2</i>	-Shell W.	32° 38.4' N 16° 57.2' W	<b>F.W.</b>	46 14	2	Green post; 13.	Shown 1930 to 0730. Occasional.
							31/05
*23727.1 <i>D 2724.5</i>	--Range, front.	32° 38.4' N 16° 57.2' W	<b>F.R.</b>	46 14	2	Green post; 13.	On same structure as Shell W light. Occasional.
							31/05
*23727.2 <i>D 2742.6</i>	---Rear, 208 meters from front.	32° 38.5' N 16° 57.1' W	<b>F.R.</b>	144 44	2	Green post; 13.	Occasional.
							31/05
*23727.5 <i>D 2742</i>	-Shell Central.	32° 38.3' N 16° 57.1' W	<b>F.W.</b>	43 13	2	Green post; 13.	Shown 1930 to 0730. Occasional.
							31/05
*23727.7 <i>D 2741</i>	-Shell E. Range, front.	32° 38.1' N 16° 56.8' W	<b>F.R.</b>	108 33	2	Gray post; 16.	Occasional.
							31/05
*23727.8 <i>D 2741.1</i>	---Rear, 300 meters from front.	32° 38.1' N 16° 56.6' W	<b>F.R.</b>	200 61	2	Black mast; 13.	Occasional.
							31/05

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
KRISTIANSANDSFJORDEN:							
1380 <i>B 2922</i>	-Gronningen, E. side of fjord.	58° 04.8' N 8° 05.6' E	<b>Fl.(2)W.R.G.</b> period 10s	61 19	W. 12 R. 9 G. 9	White stone house with low tower; 46.	G. 254°-274°, R.-310°, W.-030°, R.-122°, W.-140°, G.-165°.
						*	31/05

### CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2005 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*12022 <i>C 3366.6</i>	-Pagrindinis Siaurinis Pirminis.	55° 43.4' N 21° 06.2' E	<b>Oc.W.R.G.</b> period 3s lt. 2s, ec. 1s	213 65	10	Red metal framework tower, white bands; 200.	R. 332°48'-334°18', W.-336°06', G.-337°36'. Shown 24 hours.
						*	31/05
*12042 <i>C 3366.6</i>	-Pietine Bega.	55° 41.4' N 21° 08.0' E	<b>Oc.W.R.G.</b> period 3s lt. 2.5s, ec. 0.5s	33 10	10	Red round tower, white bands; 23.	R. 344°18'-346°18', W.-348°18', G.-350°18'. Shown 24 hours.
						*	31/05
12707 <i>C 3721</i>	-Soru Range, front.	58° 42.1' N 22° 29.5' E	<b>Q.W.</b>	43 13	6	White round concrete tower, red lantern; 36.	Visible on range line only. Shown Apr. 20 to Dec. 10.
						*	31/05
12708 <i>C 3721.1</i>	-Rear, 0.26 mile 310°36' from front.	58° 42.2' N 22° 29.1' E	<b>Iso.W.R.G.</b> period 4s	59 18	W. 6 R. 3 G. 3	White round concrete tower, red lantern; 52.	W. 300°-003°, G.-044°, W.-074°30', R.-086°30', W.-133°. Shown Apr. 20 to Dec. 10.
						*	31/05
16094 <i>C 4487</i>	Suomen Leijona.	59° 28.4' N 20° 48.8' E	<b>Fl.W.</b> period 12s fl. 0.3s, ec. 1.6s fl. 0.4s, ec. 9.6s	44 13	9	Black round tower, white stripes. Wind generator.	<b>Radar reflector.</b>
RACON			<b>T(-)</b> period 30s		12		
		*	*	*	*	*	*
						*	31/05

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

NM 31/05

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 31/05

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
<b>NGA/DLIS CATALOGS CATCDLIMDIS</b>			<b>CDPUBSD192</b>			<b>NOSPBCP5</b>		
Region 1	2005	11*,12,13,14,15,16,18,21,22,23,24,25,26,27,28,29,31/05	CDPUBSD193	2004	36/04*	NOSPBCP6	33	27*,28,30/05
Region 2	2005	11*,25/05	CDPUBSD194	2004	27/04*	NOSPBCP7	35	14*,16,26,28/05
Region 3	2005	11*,12,13,14,16,17,19,23,24,25,27,31/05	CDPUBSD195	2005	25/05*	NOSPBCP8	37	3*,5,14,16,19,20,23,26,27,28/05
Region 4	2005	11/05*	SDPUB126	2002	39*,41,42,43,44,45,48/02;24,26,27,28,30,32,41/03;12,16,23,24,25,39,40,44,45/04;6,7/05	NOSPBCP8	27	31/05*
Region 5	2005	11*,14,18,20,22,23,28/05	SDPUB159	2002	42*,48/02;10,13,15/04	NOSPBCP9	22	38*,39,41,43,46,52/04;1,5,12,14,16,18,19,23,24,26,27,28,30/05
Region 6	2005	11*,18,23,28/05	SDPUB173	2002	50*,51/02;3,22,24,25,26,27,32,33,34,37,38,49,50,51/03;13,16,17,38,40/04	<b>RADIO NAVIGATIONAL AIDS</b>		
Region 7	2005	11*,14/05	SDPUB181	2002	38*,39/02	CDPUBRA117	2005	4/05*
Region 8	2005	11*,23/05	SDPUB200	2002	38*,39,42/02;22,27,34,41,51,52/03;27,47/04;9/05	<b>AMERICAN PRACTICAL NAVIGATOR</b>		
Region 9	2005	11/05*				NVPUB9	2002	36/02*;14,38/03
Miscellaneous Charts and Publications	2005	11*,12,13,14,15,16,18,19,20,21,22,24,25,27,28,29,31/05				<b>INTERNATIONAL CODE OF SIGNALS</b>		
						CDPUBNV102	2003	20/03*
<b>NGA LIST OF LIGHTS</b>			<b>USCG LIGHT LIST VOLUMES I - VII</b>			<b>WORLD PORT INDEX</b>		
LLPUB110	2005	18*,19,22,29,31/05	COMDTM165021	2005	13*,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31/05	CDPUBNV150	2005	7/05*
LLPUB111	2004	37*,42,43,44,46,47,48,49,51/04;1,2,3,4,6,7,8,9,10,12,14,15,17,18,19,21,22,23,24,26,27,29,30/05	COMDTM165022	2005	18*,19,20,21,22,23,24,25,26,27,28,29,30,31/05	<b>DISTANCES BETWEEN PORTS</b>		
LLPUB112	2005	11*,13,14,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31/05	COMDTM165023	2005	12*,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31/05	NVPUB151	2001	4/02*
LLPUB113	2004	46*,48,49,50,51,52/04;1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,29,30,31/05	COMDTM165024	2005	12*,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,31/05	<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL</b>		
LLPUB114	2005	20*,23,24,25/05	COMDTM165025	2004	22/04*	CDPUBNV1310	2001	51/01*
LLPUB115	2004	38*,41,42,44,47,49,50,51,52/04;1,3,4,6,8,16,17,20,25,31/05	COMDTM165026	2005	13*,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31/05	<b>SIGHT REDUCTION TABLES (MARINE)</b>		
LLPUB116	2005	28*,31/05	COMDTM165027	2005	12*,13,15,16,17,18,19,20,21,22,23,24,29/05	SRPUB229V1	1970	11/71*
<b>SAILING DIRECTIONS</b>			<b>DIGITAL PUBS - QUARTERLY</b>			SRPUB229V2	1970	11/71*
CDPUBSD120	2004	2/05*	CDPUBQTLTY	2005	31/05*	SRPUB229V3	1970	7/71*
CDPUBSD123	2004	51/04*	<b>FLEET GUIDES</b>			SRPUB229V4	1970	3/71*
CDPUBSD124	2004	25/04*	CDPUBFGATL	2005	N28/05*	SRPUB229V5	1970	3/71*
CDPUBSD125	2004	27/04*	CDPUBFGPAC	2004	N17/04*	SRPUB229V6	1970	23/70*
CDPUBSD127	2004	29/04*	<b>NOS MISCELLANEOUS PUBLICATIONS</b>			<b>SIGHT REDUCTION TABLES (AIR)</b>		
CDPUBSD131	2004	7/05*	NOSPBCATALOG4	2000	34/00*	SRPUB249V1	2000	4/01*
CDPUBSD132	2005	25/05*	NOSPBCATALOGA	2003	19/04*	SRPUB249V2	1952	46/52*
CDPUBSD140	2003	25/04*	NOSPBCATALOGG	2003	19/04*	SRPUB249V3	1952	46/52*
CDPUBSD141	2004	36/04*	NOSPBCATALOGK	2005	15/05*	<b>CHART NO. 1</b>		
CDPUBSD142	2004	24/04*	NOSPBCATALOGP	2004	2/05*	WOBZC1	1997	18/98*
CDPUBSD143	2003	46/03*	<b>ALMANACS</b>			<b>CHART NO. 4</b>		
CDPUBSD145	2003	51/03*	AIRALMANAC601	2006	24/05*	WOBZC4	1988	N23/91*
CDPUBSD146	2002	4/03*	NAUTALMANAC06	2006	25/05*	<b>ATLAS OF PILOT CHARTS</b>		
CDPUBSD147	2004	38/04*	<b>COAST PILOT</b>			NVPUB106	2002	42/03*
CDPUBSD148	2004	11/05*	NOSPBCP1	35	19*,20,21,24,26,27,30/05	NVPUB107	1998	30/99*
CDPUBSD153	2003	26/04*	NOSPBCP2	34	47*,48,49/04;5,9,11,14,16,18,20,21,24,26,27,28,30,31/05	NVPUB109	2001	49/02*
CDPUBSD154	2005	31/05*	NOSPBCP3	38	10*,11,12,14,18,21,24,29,31/05	<b>USCG NAVIGATION RULES</b>		
CDPUBSD155	2004	29/04*	NOSPBCP4	36	43*,44,48/04;1,5,13,16,19,22,23,24,26,27,28/05	COMDTM166722D	1999	44/99*;52/00;16/04
CDPUBSD157	2004	29/04*	<b>NOS TIDE TABLES</b>			<b>TIDAL CURRENT TABLES</b>		
CDPUBSD158	2005	12/05*	NOSPBTTTCWPACIN5	2005	N3/05*	NOSPBTTTCATCSTN5	2005	N3*,N14/05
CDPUBSD160	2004	25/04*	NOSPBTTTECSTNSA5	2005	N3/05*	NOSPBTTTPACAS5	2005	N3/05*
CDPUBSD161	2004	11/05*	NOSPBTTTEURAFR5	2005	N3/05*			
CDPUBSD162	2004	51/04*	NOSPBTTWCSTNSA5	2005	N3/05*			
CDPUBSD163	2005	12/05*						
CDPUBSD164	2004	36/04*						
CDPUBSD171	2004	36/04*						
CDPUBSD172	2004	37/04*						
CDPUBSD174	2004	26/04*						
CDPUBSD175	2004	51/04*						
CDPUBSD180	2004	2/05*						
CDPUBSD182	2004	12/05*						
CDPUBSD183	2005	21/05*						
CDPUBSD191	2004	29/04*						

**BROADCAST WARNINGS**

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

**NAVAREA IV**

Messages in force 211200Z July 2005:

2004 series	2005 series	125(11)	175(28)	188(25)	199(24,25)
128(26)	19(25)	169(GEN)	183(15)	191(24,26)	200(GEN)
323(11)	104(28)	172(GEN)	184(14)	193(28)	
409(24,25,26)	108(GEN)	174(28)	187(26,27)	194(28)	

The summary of all NAVAREA IV messages in force as of 9 December 2004 is given in Section III of NM 52/04. Warnings issued during the subsequent quarters are issued in NM 13/05 and 26/05.

**NAVAREA IV WARNINGS issued from 141100Z to 211200Z July 2005.**

198/05. CANCELED.

199/05(24,25). CARIBBEAN SEA.

1. DERELICT 60 FOOT BARGE ADRIFT IN 13-33N 062-17W ON 15 JUL.
2. CANCEL THIS MSG 26 JUL.

(191227Z JUL 2005)

200/05(GEN).

1. NAVAREA IV MESSAGES IN FORCE 190800Z JUL 2005. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2005 SERIES: 169(GEN), 172(GEN), 174(28), 175(28), 183(15), 184(14), 187(26,27), 188(25), 191(24,26), 193(28), 194(28), 198(11), 199(24,25), 200(GEN).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 09 DEC 2004 IS GIVEN IN SEC III OF NM 52/04. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/05.
3. CANCEL NAVAREA IV 196/05.

(192050Z JUL 2005)

201/05 thru 203/05. CANCELED.

## SECTION III

NM 31/05

## HYDROLANTS

Messages in force 211200Z July 2005:

2004 series	8(54)	690(35)	1077(56)	1220(53)	1283(55)
1084(53,56)	9(54)	734(35)	1081(35)	1222(37)	1286(37)
1389(53)	10(54)	736(56)	1082(37)	1223(GEN)	1297(55)
1404(52)	14(54)	748(37)	1084(37)	1225(37)	1298(52,53)
1454(35)	20(36)	772(36)	1121(35)	1231(36,37)	1304(24)
1474(36)	74(37)	777(43)	1122(35)	1235(37)	1305(57)
1510(54)	91(53)	788(37)	1142(37)	1236(38)	1307(53)
1714(37)	160(37)	836(36)	1151(37)	1240(35)	1308(52)
1790(36)	169(54)	848(37)	1175(24)	1243(52)	1311(37)
1853(37)	183(36)	852(37)	1178(35,37)	1244(56)	1314(24)
1861(53)	184(37)	879(55)	1189(36)	1253(54)	1316(52)
1937(36)	223(24)	881(37)	1190(35)	1259(43)	1317(GEN)
1980(24)	245(53)	900(54)	1194(35)	1263(55)	1318(36)
1987(37)	271(GEN)	921(51)	1207(54)	1270(53)	1319(24)
1992(37)	477(24)	944(37)	1208(54)	1272(51)	1320(52,53)
2035(53)	478(23)	965(24)	1211(35)	1275(51)	1321(37)
2040(53)	548(24)	1014(52)	1214(26,27)	1277(37)	1323(53)
2063(52)	630(22)	1067(37)	1215(53)	1278(35)	1324(57)
2005 series	688(GEN)	1075(GEN)	1216(35)	1281(24)	1325(23)

The summary of all HYDROLANTS in force as of 9 December 2004 is given in Section III of NM 52/04. Warnings issued during the subsequent quarters are issued in NM 13/05 and 26/05.

**HYDROLANT WARNINGS issued from 141100Z to 211200Z July 2005.**

1291/05 thru 1296/05. CANCELED.

1297/05(55). BLACK SEA. ORDNANCE.

CHART 55104 (2ND ED).

MINE IN 44-48.15N 033-27.11E.

NAVIGATION PROHIBITED WITHIN ONE MILE OF POSITION.

(150830Z JUL 2005)

1298/05(52,53). STRAIT OF SICILY.

1. OCEANOGRAPHIC SURVEY IN PROGRESS UNTIL 25 JUL BY

M/V URANIA IN AREA BOUND BY 37-53.67N 012-25.75E,

38-06.17N 011-57.22E, 37-03.21N 011-11.36E,

36-32.85N 012-20.72E, 35-25.43N 011-34.29E,

34-46.13N 013-00.99E, 35-49.54N 013-45.74E,

35-05.78N 015-15.79E, 35-52.22N 015-50.47E,

35-58.02N 015-39.28E, 36-20.79N 015-52.71E,

36-23.47N 015-46.00E, 36-34.64N 015-53.27E,

36-54.73N 015-08.52E.

2. CANCEL THIS MSG 26 JUL.

(151024Z JUL 2005)

1299/05 thru 1303/05. CANCELED.

1304/05(24). SOUTH ATLANTIC.

CHART 24551 (3RD ED).

PONTA DO VALADO LIGHT 20-29.8S 029-19.3W UNLIT.

(161322Z JUL 2005)

1305/05(57). GULF OF GUINEA.

12.5 METER S/V AZIZAH, FIVE PERSONS ON BOARD,

DISABLED AND ADRIFT DUE TO BROKEN RUDDER IN

00-00-11N 001-30-00W AT 162320Z JUL.

VESSELS IN VICINITY REQUESTED TO KEEP A SHARP

LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO

MRCC GRIS NEZ, TELEX 4213 0680,

PHONE: 333 2187 2187, FAX: 333 2187 7855.

(170140Z JUL 2005)

1306/05. CANCELED.

1307/05(53). EASTERN MEDITERRANEAN SEA.

1. DERELICT 12 METER VESSEL ADRIFT IN 35-31.5N 013-30.4E.

REPORTS TO ANY COASTAL RADIO STATION.

2. CANCEL THIS MSG 24 JUL.

(172349Z JUL 2005)

- 1308/05(52). TUNISIA-NORTH COAST.  
CHART 52200 (7TH ED).  
ECUEILS DES SORELLES BUOY 37-23.9N 008-35.3E UNLIT.  
(180956Z JUL 2005)
- 1309/05 and 1310/05. CANCELED.
- 1311/05(37). BAY OF BISCAY.  
UNDERWATER OPERATIONS IN PROGRESS UNTIL  
FURTHER NOTICE BY CABLESHIP LEON THEVENIN  
WITH SUBMERSIBLE ALONG TRACKLINE BETWEEN  
47-42.0N 004-58.9W AND 47-39.7N 005-02.5W.  
WIDE BERTH REQUESTED.  
(181404Z JUL 2005)
- 1312/05 and 1313/05. CANCELED.
- 1314/05(24). BRAZIL-EAST COAST.  
1. SEISMIC SURVEY IN PROGRESS UNTIL 260259Z JUL BY  
M/V RAMFORM VALIANT TOWING TWELVE 6000 METER LONG CABLES  
IN AREA BETWEEN 21-25S 21-05S AND 039-45W 040-16W.  
FIVE MILE BERTH REQUESTED.  
2. CANCEL THIS MSG 260359Z JUL.  
(191047Z JUL 2005)
- 1315/05. CANCELED.
- 1316/05(52). STRAIT OF SICILIA.  
CABLE OPERATIONS 20 JUL UNTIL FURTHER NOTICE BY  
CABLESHIP RENE DESCARTES:  
A. ALONG TRACKLINE JOINING 35-48.30N 015-36.00E,  
35-51.30N 015-24.30E, 35-52.60N 015-20.80E,  
35-54.70N 015-16.20E, 35-58.00N 015-11.50E,  
36-00.10N 015-10.20E, 36-01.10N 015-10.00E,  
36-02.50N 015-09.30E, 36-03.70N 015-08.00E,  
36-06.00N 015-01.60E, 36-06.60N 014-58.90E,  
36-07.00N 014-58.20E, 36-08.10N 014-57.50E,  
36-08.50N 014-56.70E, 36-09.50N 014-52.20E,  
36-14.30N 014-40.00E, 36-16.80N 014-33.10E,  
36-17.50N 014-31.90E, 36-17.50N 014-31.50E,  
36-17.50N 014-30.30E, 36-21.50N 014-21.30E,  
36-21.80N 014-20.70E, 36-30.00N 014-13.70E,  
36-36.10N 014-08.30E, 36-40.00N 014-04.50E.  
B. ALONG TRACKLINE BETWEEN 37-05.50N 013-20.00E  
AND 37-07.00N 013-17.00E.  
C. ALONG TRACKLINE BETWEEN 37-19.00N 012-40.00E  
AND 37-21.20N 012-30.00E.  
(191209Z JUL 2005)
- 1317/05(GEN).  
1. HYDROLANT MESSAGES IN FORCE 190800Z JUL 2005. ONLY THOSE  
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2005 SERIES: 1067(37), 1075(GEN), 1076(56), 1077(56), 1081(35),  
1082(37), 1084(37), 1121(35), 1122(35), 1142(37), 1151(37),  
1175(24), 1178(35,37), 1189(36), 1190(35), 1194(35),  
1203(37), 1207(54), 1208(54), 1211(35), 1214(26,27), 1215(53),  
1216(35), 1220(53), 1222(37), 1223(GEN), 1225(37), 1231(36,37),  
1235(37), 1236(38), 1240(35), 1243(52), 1244(56), 1253(54),  
1259(43), 1263(55), 1270(53), 1272(51), 1275(51), 1277(37),  
1278(35), 1281(24), 1283(55), 1286(37), 1287(52), 1297(55),  
1298(52,53), 1300(24), 1301(37), 1303(24), 1304(24),  
1305(57), 1307(53), 1308(52), 1311(37), 1312(24), 1313(24),  
1314(24), 1316(52), 1317(GEN).  
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 09 DEC 2004  
IS GIVEN IN SEC III OF NM 52/04. WARNINGS ISSUED DURING THE  
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/05.  
3. CANCEL HYDROLANT 1198/05, 1288/05.  
(192054Z JUL 2005)
- 1318/05(36). IRISH SEA.  
BAR LIGHTFLOAT 53-32N 003-21W UNRELIABLE.  
(192352Z JUL 2005)
- 1319/05(24). BRAZIL-SOUTHEAST COAST.  
1. SEISMIC SURVEY IN PROGRESS UNTIL 260259Z JUL  
BY M/V RIG SUPPORTER IN AREA BETWEEN  
21-48S 22-13S AND 039-30W 040-05W.  
TWO MILE BERTH REQUESTED.  
2. CANCEL THIS MSG 260359Z JUL.  
(200909Z JUL 2005)

SECTION III

NM 31/05

1320/05(52,53). STRAIT OF SICILY.

1. DERELICT 26 FOOT VESSEL, BLACK HULL WITH RED TRIM, PARTIALLY SUBMERGED AND ADRIFT IN 35-17N 012-40E.
2. CANCEL THIS MSG 27 JUL.

(200947Z JUL 2005)

1321/05(37). DOVER STRAIT.

- SURVEY OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY  
M/V RAMSEY ALONG TRACKLINE JOINING 51-03N 001-23E,  
51-15N 001-40E AND 51-32N 001-44E.

(201011Z JUL 2005)

1322/05. CANCELED.

1323/05(53). TYRRHENIAN SEA.

1. OCEANOGRAPHIC OPERATIONS 21 JUL THRU 30 JUL BY  
M/V UNIVERSITATIS ALONG TRACKLINE JOINING  
38-54.0N 014-30.0E, 39-07.8N 014-06.6E, 39-19.2N 013-45.0E,  
39-32.4N 013-22.2E, 39-40.8N 013-06.6E, 39-52.8N 012-43.8E,  
40-06.6N 012-19.2E, 41-00.0N 010-43.8E, 39-52.2N 014-00.0E,  
39-12.6N 012-46.2E, 38-52.2N 012-10.2E, 38-19.8N 011-14.4E,  
38-14.4N 011-31.2E, 38-07.8N 011-50.4E, 38-01.8N 012-12.6E,  
39-46.2N 011-40.8E, 38-55.2N 013-18.0E.
2. CANCEL THIS MSG 01 AUG.

(201553Z JUL 2005)

1324/05(57). SOUTH ATLANTIC OCEAN.

- 17 METER M/V TERESA OVERDUE SAO TOME (00-15N 006-37E)  
TO PRINCIPE (01-37N 007-24E) VESSELS IN VICINITY REQUESTED TO  
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS  
TO RCC CAMEROON 23 7345 5233.

(202221Z JUL 2005)

1325/05(23). SOUTH ATLANTIC OCEAN.

- CHART 200 (3RD ED).  
ODAS BUOY, FL (5) Y 20 SEC, WHITE,  
ESTABLISHED IN 43-48.6S 059-40.5W.

(210233Z JUL 2005)

1326/05 thru 1329/05. CANCELED.

SECTION III

NM 31/05

NAVAREA XII

Messages in force 211200Z July 2005:

2005 series	183(GEN)	195(GEN)	201(19)	209(GEN)
109(GEN)	188(16)	199(GEN)	208(18)	210(21)

The summary of all NAVAREA XII messages in force as of 9 December 2004 is given in Section III of NM 52/04. Warnings issued during the subsequent quarters are issued in NM 13/05 and 26/05.

NAVAREA XII WARNINGS issued from 141100Z to 211200Z July 2005.

208/05(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:
 

A. 34-02N 119-04W.	M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL TO THE SHORELINE.
B. 33-52N 119-06W.	N. 34-24N 120-30W.
C. 33-29N 119-07W.	O. 34-08N 120-26W.
D. 33-29N 118-37W.	P. 34-08N 119-40W.
E. 33-20N 118-37W.	Q. 34-00N 119-40W.
F. 32-11N 120-16W.	R. 34-06N 119-13W.
G. 31-54N 121-35W.	S. 34-06N 119-11W.
H. 35-09N 123-39W.	T. 34-07N 119-10W.
I. 35-29N 123-00W.	U. 34-07N 119-07W.
J. 35-04N 122-43W.	V. 34-04N 119-04W.
K. 35-57N 121-32W.	
L. 34-59N 120-42W.	
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 204/05.

(171758Z JUL 2005)

209/05(GEN).

1. NAVAREA XII MESSAGES IN FORCE 190800Z JUL 2005. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2005 SERIES: 183(GEN), 188(16), 195(GEN), 201(19), 208(18), 209(GEN).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 09 DEC 2004 IS GIVEN IN SEC III OF NM 52/04. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/05.
3. CANCEL NAVAREA XII 207/05.

(192059Z JUL 2005)

210/05(21). MEXICO-WEST COAST.

CHART 21017 (50TH ED).  
ROCA CORBETENA BEACON 20-44N 105-51W UNLIT.

(202046Z JUL 2005)

## SECTION III

NM 31/05

## HYDROPACS

Messages in force 211200Z July 2005:

2004 series	1865(95)	604(76)	895(75)	1040(GEN)	1118(74)
694(62)	1871(75)	610(61)	916(63)	1042(97)	1127(96)
754(62)	1878(61)	622(76)	919(63)	1049(74)	1128(96)
795(62)	1941(62)	631(GEN)	921(63)	1051(93)	1129(96)
890(71)	2005 series	632(93,71)	928(83)	1052(75)	1130(96)
891(71)	15(74)	634(61)	930(74)	1054(81)	1134(81)
932(22)	108(76)	636(22)	931(GEN)	1058(83)	1136(63)
996(94,95)	134(81)	641(74)	933(96)	1073(22)	1137(62)
1011(62)	135(81)	642(62)	934(96)	1074(97)	1138(63)
1025(74)	138(76)	663(75)	937(74)	1077(63)	1139(63)
1081(74)	144(22)	674(71)	938(71)	1078(73,74)	1141(81)
1084(62)	243(75)	697(75)	961(74)	1079(94,95,97)	1143(22)
1112(74)	245(GEN)	705(63)	966(93)	1083(96)	1146(81)
1254(62)	323(22)	706(63)	978(63)	1086(74)	1147(74)
1349(63)	337(63)	709(76)	985(74)	1087(81)	1149(83)
1363(96)	367(76)	713(74)	990(74)	1088(81,97)	1150(81)
1365(75)	381(75,76)	725(71)	997(95)	1090(75)	1151(81)
1390(63)	387(63)	727(81)	998(95)	1094(81)	1152(62)
1399(71)	406(71)	747(76)	999(95)	1096(62)	1153(GEN)
1409(63)	433(76)	760(81,97)	1003(97)	1098(81)	1154(97)
1458(62)	440(63)	798(74)	1009(95)	1099(62)	1155(94)
1533(71,93)	446(22)	808(63)	1010(95)	1101(94)	1156(96)
1597(71)	467(63)	819(74)	1011(95)	1102(63)	1157(63)
1640(62)	513(63)	821(62)	1012(71)	1106(93)	1158(63)
1658(71)	570(74)	822(62)	1023(63)	1107(63)	1159(63)
1729(63)	571(63)	823(63)	1031(62)	1111(63)	1160(63)
1747(63)	575(63)	827(62)	1032(71)	1112(63)	1161(73)
1754(76)	588(74)	838(75)	1033(62)	1113(63)	1162(19)
1767(76)	589(75)	844(76)	1034(62)	1114(81)	1163(19)
1831(62)	591(93,71)	888(22)	1035(62)	1115(62)	

The summary of all HYDROPACS in force as of 9 December 2004 is given in Section III of NM 52/04. Warnings issued during the subsequent quarters are issued in NM 13/05 and 26/05.

**HYDROPAC WARNINGS issued from 141100Z to 211200Z July 2005.**

1127/05(96). SEA OF OKHOTSK.

1. SEISMIC SURVEY IN PROGRESS UNTIL 15 OCT BY M/V WESTERN TRIDENT TOWING TEN 5000 METER LONG CABLES IN AREA BOUND BY 54-33.5N 141-44.4E, 55-05.4N 141-04.3E, 55-36.5N 142-09.0E, 55-01.1N 142-43.2E.
2. CANCEL HYDROPAC 1044/05.
3. CANCEL THIS MSG 16 OCT.

(140953Z JUL 2005)

1128/05(96). ANADIRSKIY ZALIV.

1. SEISMIC SURVEY IN PROGRESS UNTIL 16 AUG BY M/V ZEPHYR 1 TOWING 4500 METER LONG CABLE IN AREA BOUND BY 63-30N 179-50W, 63-55N 179-05E, 64-30N 179-28W, 64-05N 178-21W.
2. CANCEL THIS MSG 17 AUG.

(140959Z JUL 2005)

1129/05(96). RUSSIA. SAKHALIN-EAST COAST.

1. PIPELAYING OPERATIONS IN PROGRESS UNTIL 16 OCT IN AREA BOUND BY 51-23-31N 143-27-56E, 51-24-36N 143-27-35E, 51-25-06N 143-34-16E, 51-25-43N 143-38-15E, 51-25-42N 143-39-07E, 51-25-19N 143-40-52E, 51-24-21N 143-40-18E.
2. CANCEL THIS MSG 17 OCT.

(141014Z JUL 2005)

1130/05(96). SEA OF OKHOTSK.

F/V SPP 13 UNREPORTED IN AREA BETWEEN 52-20N 59-00N AND 148-45E 149-45E. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(141119Z JUL 2005)

1131/05 thru 1133/05. CANCELED.

1134/05(81). MARIANA ISLANDS.

1. PYROTECHNIC EXERCISES IN PROGRESS 2300Z TO 1359Z COMMENCING DAILY UNTIL 21 JUL IN AREA BOUND BY 13-10N 144-43E, 12-45N 144-45E, 11-00N 144-45E, 11-00N 143-00E, 11-45N 143-00E, 12-45N 144-30E, 13-10N 144-30E.
2. CANCEL HYDROPAC 1126/05.
3. CANCEL THIS MSG 221459Z JUL.

(150035Z JUL 2005)

1135/05. CANCELED.

1136/05(63). INDIAN OCEAN. MALDIVES.

S/V JOCRA, FOUR PERSONS ON BOARD, DISABLED AND ADRIFT IN 01-10.5N 076-36.2E AT 132330Z JUL. VESSELS IN VICINITY REQUESTED TO KEEP SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC MUMBAI, PHONE: 9122 2430 1455, FAX: 9122 2433 3727.

(150943Z JUL 2005)

1137/05(62). PERSIAN GULF.

CHART 62550 (3RD ED).  
SHARGI WRECK BUOY 25-23.1N 052-22.2E UNLIT.

(150946Z JUL 2005)

1138/05(63). INDIA-WEST COAST.

CHART 63103 (17TH ED).  
DANGEROUS WRECK VICINITY 18-56.3N 072-52.2E.

(151546Z JUL 2005)

1139/05(63). ARABIAN SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 19 AND 22 JUL IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E, 09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 221630Z JUL.

(151605Z JUL 2005)

1140/05. CANCELED.

1141/05(81). MARIANA ISLANDS.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN NORTHERN MARIANA ISLANDS. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO USCG GUAM.

(151735Z JUL 2005)

1142/05. CANCELED.

1143/05(22). SOUTH PACIFIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1500Z TO 1645Z 20 AND 21 JUL IN AREA BETWEEN 29-55S 30-00S AND 071-38W 071-32W.
2. CANCEL THIS MSG 211745Z JUL.

(152256Z JUL 2005)

1144/05 and 1145/05. CANCELED.

1146/05(81). NORTH PACIFIC. ORDNANCE.

1. ORDNANCE TESTING 2100Z TO 2359Z DAILY 17 JUL THRU 03 AUG IN 15-00N 147-00E.
2. CANCEL THIS MSG 040001Z AUG.

(161454Z JUL 2005)

1147/05(74). AUSTRALIA-WEST COAST.

DISTRESS SIGNAL RECEIVED ON 121.5 VICINITY 20-33S 116-20E AT 171000Z JUL. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC AUSTRALIA, TELEX: 7162025, PHONE: 61262306811, FAX: 61262306868.

(171843Z JUL 2005)

1148/05. CANCELED.

1149/05(83). ILES TUAMOTU.

24 FOOT M/V, WHITE HULL, BLUE DECK, TWO PERSONS ON BOARD, UNREPORTED HUKUERU ISLAND (17-35S 142-39W) TO MAKEMO ISLAND (16-45S 143-37W) SINCE 9 JULY. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP

## SECTION III

NM 31/05

- LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO  
MRCC PAPEETE, PHONE: 00 689 46 24 32, FAX:  
00 689 42 39 15. (182128Z JUL 2005)
- 1150/05(81). NORTH PACIFIC.  
F/V NR 18 SEIHO MARU, SEVEN PERSONS ON BOARD, DISABLED  
AND ADRIFT IN 19-40N 140-08E AT 190300Z JUL. VESSELS  
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST  
IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION. (191101Z JUL 2005)
- 1151/05(81). NORTH PACIFIC.  
CHART 81001 (1ST ED).  
ODAS BUOY ESTABLISHED IN 07-55.7N 130-03.9E. (191115Z JUL 2005)
- 1152/05(62). ARABIAN GULF.  
1. PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER  
NOTICE BY BARGE DLB-1000, M/V SEA BULK DUKE, AND  
M/V SEA BULK ALKATAR VICINITY 25-34.6N 055-32.5E.  
WIDE BERTH REQUESTED.  
2. CANCEL HYDROPAC 1082/05. (191243Z JUL 2005)
- 1153/05(GEN).  
1. HYDROPAC MESSAGES IN FORCE 190800Z JUL 2005. ONLY THOSE  
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2005 SERIES: 928(83), 930(74), 931(GEN), 933(96), 934(96),  
937(74), 938(71), 961(74), 966(93), 978(63), 985(74),  
990(74), 997(95), 998(95), 999(95), 1003(97), 1009(95),  
1010(95), 1011(95), 1012(71), 1023(63), 1031(62),  
1032(71), 1033(62), 1034(62), 1035(62), 1040(GEN),  
1042(97), 1051(93), 1052(75), 1054(81), 1058(83),  
1059(97), 1073(22), 1074(97), 1077(63), 1078(73,74),  
1079(94,95,97), 1083(96), 1086(74), 1087(81),  
1088(81,97), 1090(75), 1094(81), 1096(62), 1098(81),  
1099(62), 1101(94), 1102(63), 1106(93), 1107(63), 1111(63),  
1112(63), 1113(63), 1114(81), 1115(62), 1118(74), 1127(96),  
1128(96), 1129(96), 1130(96), 1134(81), 1135(62), 1136(63),  
1137(62), 1138(63), 1139(63), 1140(63), 1141(81), 1143(22),  
1146(81), 1147(74), 1149(83), 1150(81), 1151(81), 1152(62),  
1153(GEN).  
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 09 DEC 2004  
IS GIVEN IN SEC III OF NM 52/04. WARNINGS ISSUED DURING THE  
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/05.  
3. CANCEL HYDROPAC 984/05, 989/05, 1019/05, 1026/05, 1036/05,  
1124/05. (192108Z JUL 2005)
- 1154/05(97). NORTH PACIFIC. NAMPO SHOTO.  
CHART 510 (3RD ED).  
1. DISCOLORED WATER WITH SUBMARINE VOLCANIC ACTIVITY  
REPORTED IN 24-17.3N 141-28.6E AT 200410Z JUL.  
2. CANCEL HYDROPAC 1059/05. (200717Z JUL 2005)
- 1155/05(94). STRAIT OF TAIWAN. GUNNERY.  
1. GUNNERY EXERCISES 0200Z TO 0600Z DAILY  
25 THRU 29 JUL IN AREA BETWEEN  
24-18N 24-24N AND 120-09E 120-16E.  
2. CANCEL THIS MSG 290700Z JUL. (200839Z JUL 2005)
- 1156/05(96). RUSSIA-EAST COAST. GUNNERY.  
1. GUNNERY EXERCISES 2300Z TO 0100Z  
COMMENCING DAILY 24 THRU 26 JUL  
AND 0400Z TO 0600Z DAILY 25 THRU  
27 JUL IN AREA BOUND BY  
48-56N 140-38E, 49-02N 140-33E,  
49-02N 140-57E, 48-56N 140-57E.  
2. CANCEL THIS MSG 270700Z JUL. (200927Z JUL 2005)
- 1157/05(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.  
1. HAZARDOUS OPERATIONS 210230Z TO 210530Z AND  
211230Z TO 211430Z JUL IN AREA BOUND BY  
17-42.2N 083-18.6E, 17-30.0N 083-18.0E,  
17-34.0N 083-29.0E, 17-46.0N 083-29.0E.  
2. CANCEL THIS MSG 211530Z JUL. (201330Z JUL 2005)

1158/05(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 280500Z TO 280800Z JUL IN AREAS:
  - A. WITHIN FIVE MILES OF 08-31.9N 076-52.1E  
BETWEEN 190 DEGREES AND 300 DEGREES.
  - B. WITHIN 75 MILES OF 08-31.9N 076-52.1E  
BETWEEN 220 DEGREES AND 260 DEGREES.
2. CANCEL HYDROPAC 1140/05.
3. CANCEL THIS MSG 280900Z JUL.

(201353Z JUL 2005)

1159/05(63). INDIA-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 10 OCT  
BY M/V SAGAR SANDHANI TOWING TWO 6500 METER  
LONG CABLES IN AREA BOUND BY  
07-49.2N 078-17.0E, 07-36.2N 078-28.6E,  
07-50.3N 078-45.2E, 07-57.4N 078-46.4E,  
08-07.3N 078-38.3E. FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 11 OCT.

(201401Z JUL 2005)

1160/05(63). INDIA-EAST COAST.

- CHART 63270 (7TH ED).  
ODAS BUOY ESTABLISHED IN 13-22.0N 080-28.0E.

(201414Z JUL 2005)

1161/05(73). NORTH PACIFIC.

- CHART 73020 (9TH ED).  
ODAS BUOY ESTABLISHED IN 01-57.8N 129-56.0E.

(210923Z JUL 2005)

1162/05(19). NORTH PACIFIC.

1. HAZARDOUS OPERATIONS 212200Z TO 212330Z JUL  
WITHIN SIX MILES OF 30-38N 177-53E.
2. CANCEL THIS MSG 220030Z JUL.

(211006Z JUL 2005)

1163/05(19). NORTH PACIFIC.

1. PYROTECHNICS EXERCISES 220800Z TO 220915Z JUL  
VICINITY 29-29N 179-35E.
2. CANCEL THIS MSG 221015Z JUL.

(211016Z JUL 2005)

### MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)), by referring to Section I (paragraph 48) of US Notice to Mariners 1/05 for those in-force as of 21 December 2004, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 21 July 2005: 00-7, 01-7, 02-2, 02-5, 02-7 and 03-4.

### SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)) or by referring to Section I (paragraph 5) of US Notice to Mariners 1/05 for those in-force as of 21 December 2004 and in Notice to Mariners 13/05.

SPECIAL WARNINGS in force 21 July 2005: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120, 121 and 122.

## MARINE INFORMATION

## NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand chart distributed by OceanGrafix ([www.OceanGrafix.com](http://www.OceanGrafix.com)), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-on-Demand chart is available the day after NOAA clears a New Edition for release. The traditional chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions, contact NOAA at [help@nauticalcharts.gov](mailto:help@nauticalcharts.gov) or call 301-713-1773 x105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new editions released by NOAA are listed below:

12331	31 <sup>st</sup> Ed. Jul 2005 NEW EDITION NY-NJ-RARITAN BAY AND SOUTHERN PART OF ARTHUR KILL (New edition due to changes in hydrography and various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:15,000
12371	24 <sup>th</sup> Ed. Jul 2005 NEW EDITION CT-NEW HAVEN HARBOR (New edition due to changes in hydrography.)	NAD 83	(NOS Silver Spring, MD) 1:20,000
13290	36 <sup>th</sup> Ed. Jul 2005 NEW EDITION ME-CASCO BAY (New edition due to changes in hydrography.)	NAD 83	(NOS Silver Spring, MD) 1:40,000
17434	13 <sup>th</sup> Ed. Jul 2005 NEW EDITION AK-BC-SOUTHEAST COAST-REVILLGIGEDO CHANNEL INSETS: Foggy Bay Ryus Bay (New edition due to changes in hydrography.)	NAD 83	(NOS Silver Spring, MD) 1:40,000 1:40,000 1:20,000
17436	8 <sup>th</sup> Ed. Jul 2005 NEW EDITION AK-SOUTHEAST COAST-CLARENCE STRAIT-CHOLOMONDELEY SOUND AND SKOWL ARM (New edition due to changes in hydrography.)	NAD 83	(NOS Silver Spring, MD) 1:40,000
18471	10 <sup>th</sup> Ed. Jul 2005 NEW EDITION WA-APPROACHES TO ADMIRALTY INLET-DUNGENESS TO OAK BAY (New edition due to changes in topography and various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:40,000

**NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY  
MARITIME SAFETY INFORMATION WEB SITE REDESIGN**

The Maritime Safety Information Web site is currently being redesigned. The purpose of this redesign is to provide easier, more efficient site navigation and site maintenance.

The new site is expected to become available by late July 2005, if not sooner. At that time, the Uniform Resource Locator (URL) of all Maritime Safety Information Web pages will change. The Home page, currently at <http://pollux.nss.nga.mil>, will change to <http://www.nga.mil/maritime>. Users will need to update their browser bookmarks to reflect these changes. Additionally, since URL's of the redesigned pages will be created dynamically, pre-populated database queries that have been saved as bookmarks or hyperlinks will no longer function correctly. This limitation is inherent in the software application that NGA has chosen to maintain all of its Web sites.

**NEW EDITION OF COAST PILOT**

U.S. Coast Pilot 8, Alaska: Dixon Entrance to Cape Spencer, Twenty-Seventh Edition, 2005, is ready for issue and may be obtained from:

Federal Aviation Administration  
National Aeronautical Charting Office  
Distribution Division, AVN-530  
6303 Ivy Lane, Suite 400  
Greenbelt, MD 20770

and authorized sales agents of the National Ocean Service. Price \$26.00.

The 2005 Edition cancels the preceding 2004 Edition.

All corrections to the previous edition issued in Notice to Mariners are incorporated in this edition.

Mariners are encouraged to use the convenient "RECORD OF CHANGES" form on Page V of this book. All Coast Pilot changes published in the U.S. Coast Guard Local Notice to Mariners, National Geospatial-Intelligence Agency Notice to Mariners, and on the Internet at <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm> are serially numbered (i.e., Change No. 1, Change No. 2, etc.) to assist you in tracking the changes.

**NEW EDITION OF SAILING DIRECTIONS**

Pub. 154, Sailing Directions (Enroute) British Columbia, Ninth Edition, 2005, is ready for issue. This publication has been corrected to 30 April 2005, including Notice to Mariners No. 18 of 2005.

This edition is produced by NGA in digital format only, available on CD-ROM and/or electronic access through the World Wide Web.

Digital Nautical publications will be updated using a binary executable called "Publication Data Update (PDU)." PDUs are cumulative or sequential, ensuring customers will not miss any changes, and may be accessed on the Maritime Safety Information Division website (<http://pollux.nss.nga.mil>).

**NGA DIGITAL NAUTICAL PUBLICATION-QUARTERLY UPDATE**

The first edition of the Digital Nautical Publication-Quarterly Update (Limited Distribution), Second Quarter 2005, is ready for issue. The publications herein are corrected to 25 June 2005, including Notice to Mariners No. 26 of 2005.

The Digital Nautical Publication-Quarterly Update schedule will coincide with the Notice to Mariners schedule of 13, 26, 39, and 52 or 53 of each year.

The new Digital Nautical Publication-Quarterly Update contains updated (except where otherwise indicated) publications including all 42 Sailing Directions Enroutes/Planning Guides, Pub. No. 9 The American Practical Navigator, Pub. 102 International Code of Signals, Pub. 117 Radio Navigational Aids, Pub. 150 World Port Index, Pub. 151 Distance Between Ports, Pub. 1310 Radar Navigation and Maneuvering Board Manual, Chart No. 1, and the 13 Notice to Mariners issued during the quarter, along with the associated graphic correction files. Each Quarterly Update CD also includes video demonstrations on applying Publication Data Updates (PDU) and the functionality of the Maritime Safety Web site, digital Correction Record Cards, marine navigation calculator, and a copy of the latest version of Adobe Acrobat Reader.

It is important to note that the CD is quarterly and users must refer to the Maritime Safety Web site at <http://pollux.nss.nga.mil/pubs/> for PDU's between quarters. To update a publication between quarters, users must first install the publication to their hard-drive, then apply the PDU. An executable is supplied for each publication included in the Quarterly CD for easy installation.

DoD, U.S. Coast Guard, or any other Executive Branch Agency subscribers of Digital Nautical Publications who have not yet received a copy should contact the Defense Logistics Agency Customer Support at:

Defense Supply Center Richmond  
RMF – Hydrographic Section  
ATTN: DSCR-FABDAH  
8000 Jefferson Davis Highway  
Richmond, VA 23297-5339

Telephone: 804-279-6500  
DSN: 695-6500  
Toll Free: 800-279-6510 or 6524  
Web site: <http://www.dscr.dla.mil/rmf>

## MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

**Observer:** name(s) of person(s) making observation and rank, rate or title.

**Ship/Organization:** name of vessel or organization.

**Address:** complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

**Date of Observation:** day, month and year at which the observation was made.

**Time of Observation:** local time at which the observation was made.

**Latitude/Longitude:** exact position of the observation expressed as accurately as possible.

**Datum:** horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

**Navigation System:** method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

**Verified by Navigator:** indicate whether observation was verified by navigator.

**Product(s) Affected:** product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

**Edition:** edition number and/or year of affected product.

**Latest correction applied:** the latest Notice to Mariners to which your copy of affected product has been corrected.

**Sounding sensor or method used:** equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

**Soundings corrected for draft:** indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

**Details of Information Reported:** use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

**User Feedback:** use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

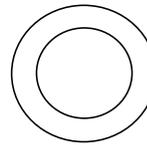
Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).





**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**



FIRST-CLASS MAIL  
POSTAGE & FEES PAID  
NGA  
PERMIT NO. G-2

---

**ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET**

Observer \_\_\_\_\_

Ship/Organization \_\_\_\_\_

Phone \_\_\_\_\_ Email Address \_\_\_\_\_

Describe Hazard (e.g. dredge, buoy, current meter, operations): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Is hazard remotely monitored? Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, list Internet URL where most recent position will be posted (if any): \_\_\_\_\_

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): \_\_\_\_\_

Date of Insertion \_\_\_\_\_ Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

Date of Expected Removal \_\_\_\_\_

Most Recent Observation: Date \_\_\_\_\_ Time (Local) \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Sounding sensor or method used \_\_\_\_\_

Sounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

Details of Information Reported (continue on additional sheets as necessary): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

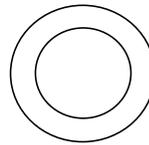
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



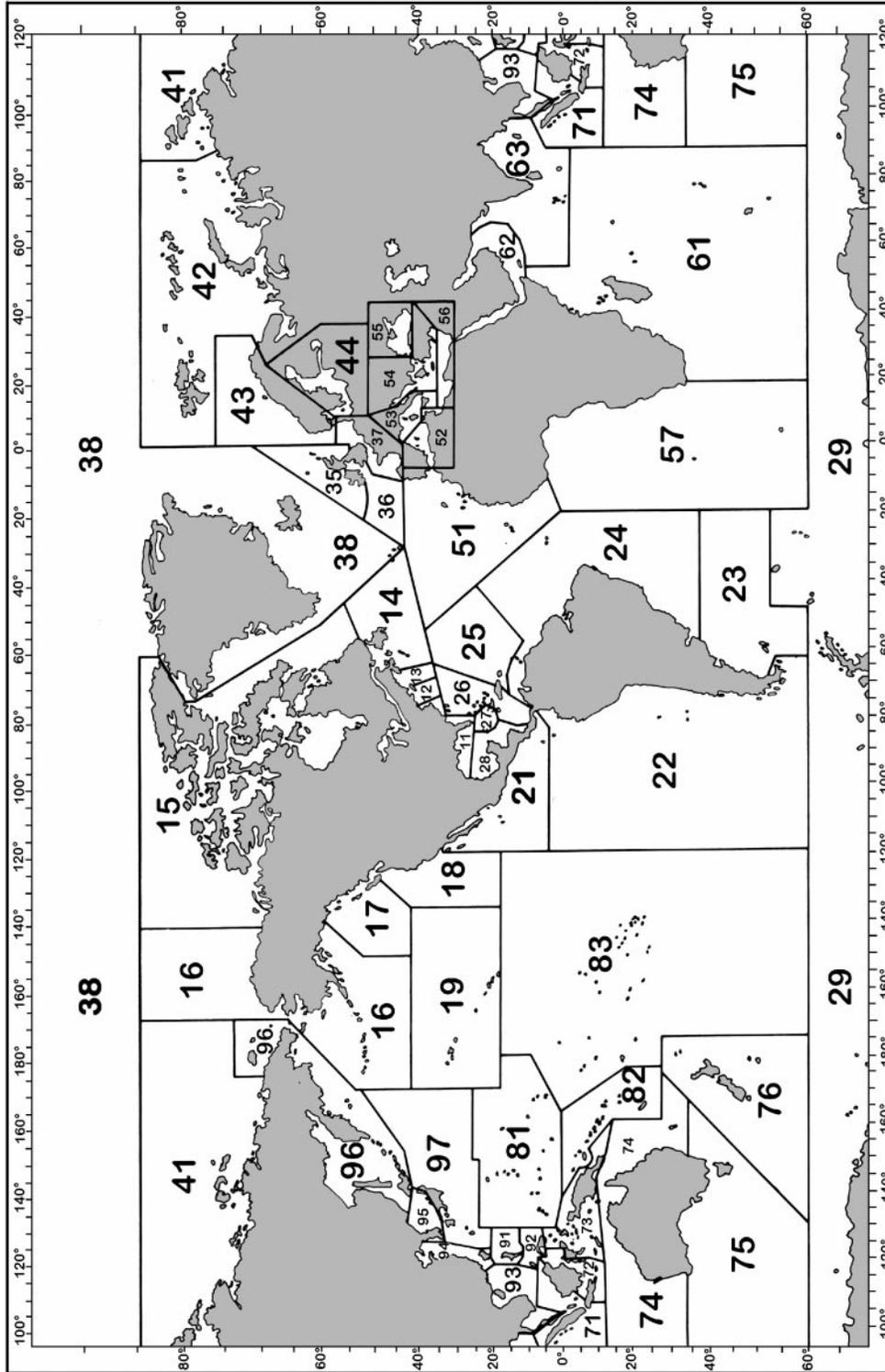
**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**



FIRST-CLASS MAIL  
POSTAGE & FEES PAID  
NGA  
PERMIT NO. G-2



# GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA/DLIS Catalog of Maps Charts and Related Products. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

**IMPORTANT**

**NAVIGATIONAL INFORMATION  
TIME—DATED**



**NOTICE TO  
MARINERS**

**PLEASE EXPEDITE DELIVERY**